

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019561.D
 Acq On : 16 Sep 2024 12:23
 Operator : SY/MD
 Sample : P3390-03 4 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Quant Time: Sep 17 05:53:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 05:51:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
 Supervised By :Semsettin Yesilyurt 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	431892	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	735286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	608965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	278575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	218931	54.743	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.480%			
35) Dibromofluoromethane	7.634	113	222519	53.375	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.760%			
50) Toluene-d8	10.109	98	822807	53.360	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.720%			
62) 4-Bromofluorobenzene	12.408	95	286091	48.252	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 96.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	7812	2.861	ug/l	99
3) Chloromethane	2.074	50	8382	2.346	ug/l	94
4) Vinyl Chloride	2.208	62	9540	2.469	ug/l	94
5) Bromomethane	2.598	94	8034	3.385	ug/l	88
6) Chloroethane	2.733	64	7832	3.101	ug/l	99
7) Trichlorofluoromethane	3.062	101	20836	3.235	ug/l	85
8) Diethyl Ether	3.458	74	6353	2.938	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.812	101	13493	3.386	ug/l	97
10) Methyl Iodide	4.013	142	12176	2.384	ug/l	92
11) Tert butyl alcohol	4.854	59	6011	18.612	ug/l #	76
12) 1,1-Dichloroethene	3.787	96	10459	2.730	ug/l	92
13) Acrolein	3.659	56	7650	44.173	ug/l	99
14) Allyl chloride	4.385	41	19228	2.798	ug/l #	91
15) Acrylonitrile	5.049	53	15957	17.117	ug/l	97
16) Acetone	3.866	43	15552	16.323	ug/l #	77
17) Carbon Disulfide	4.104	76	12138	1.172	ug/l	97
18) Methyl Acetate	4.379	43	10905	4.218	ug/l	94
19) Methyl tert-butyl Ether	5.104	73	37425	3.448	ug/l	98
20) Methylene Chloride	4.610	84	18890	4.347	ug/l	93
21) trans-1,2-Dichloroethene	5.116	96	11155	2.656	ug/l	86
22) Diisopropyl ether	6.012	45	49368	3.499	ug/l #	88
23) Vinyl Acetate	5.958	43	155180	19.253	ug/l #	93
24) 1,1-Dichloroethane	5.915	63	26040	3.289	ug/l	99
25) 2-Butanone	6.890	43	20538	15.157	ug/l #	80
26) 2,2-Dichloropropane	6.884	77	25239	3.534	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	17128	3.357	ug/l	90
28) Bromochloromethane	7.244	49	12214	3.666	ug/l	88
29) Tetrahydrofuran	7.262	42	13433	16.304	ug/l #	86
30) Chloroform	7.421	83	29143	3.605	ug/l	94
31) Cyclohexane	7.701	56	25704	3.591	ug/l #	83
32) 1,1,1-Trichloroethane	7.616	97	24628	3.399	ug/l	96
36) 1,1-Dichloropropene	7.835	75	16677	2.940	ug/l	96
37) Ethyl Acetate	6.982	43	9666	3.326	ug/l #	69
38) Carbon Tetrachloride	7.817	117	20997	3.282	ug/l	96
39) Methylcyclohexane	9.103	83	19036	2.522	ug/l	92
40) Benzene	8.079	78	52850	3.025	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019561.D
 Acq On : 16 Sep 2024 12:23
 Operator : SY/MD
 Sample : P3390-03 4 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Quant Time: Sep 17 05:53:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 05:51:44 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
 Supervised By :Semsettin Yesilyurt 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	4647	2.743	ug/l	97
42) 1,2-Dichloroethane	8.158	62	16453	3.499	ug/l	99
43) Isopropyl Acetate	8.195	43	20287	3.322	ug/l	90
44) Trichloroethene	8.860	130	13905	3.094	ug/l	87
45) 1,2-Dichloropropane	9.140	63	15051	3.524	ug/l	98
46) Dibromomethane	9.231	93	7842	3.357	ug/l	94
47) Bromodichloromethane	9.426	83	22665	3.610	ug/l	96
48) Methyl methacrylate	9.219	41	8564	2.970	ug/l	88
49) 1,4-Dioxane	9.231	88	1848	67.203	ug/l #	91
51) 4-Methyl-2-Pentanone	10.000	43	50332	16.384	ug/l	90
52) Toluene	10.170	92	35582	3.166	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	20075	3.354	ug/l #	87
54) cis-1,3-Dichloropropene	9.859	75	22733	3.262	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	11832	3.668	ug/l	96
56) Ethyl methacrylate	10.438	69	14587	2.977	ug/l #	78
57) 1,3-Dichloropropane	10.713	76	19217	3.466	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	37108	16.316	ug/l	99
59) 2-Hexanone	10.762	43	34950	15.518	ug/l	88
60) Dibromochloromethane	10.914	129	14769	3.461	ug/l	98
61) 1,2-Dibromoethane	11.012	107	9535	3.172	ug/l	98
64) Tetrachloroethene	10.652	164	12197	3.234	ug/l	97
65) Chlorobenzene	11.438	112	41904	3.498	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	15128	3.648	ug/l	98
67) Ethyl Benzene	11.518	91	74683	3.509	ug/l	99
68) m/p-Xylenes	11.627	106	55890	6.945	ug/l	95
69) o-Xylene	11.957	106	27108	3.444	ug/l	91
70) Styrene	11.969	104	45650	3.435	ug/l	95
71) Bromoform	12.133	173	8069	3.406	ug/l #	98
73) Isopropylbenzene	12.255	105	75673	3.744	ug/l	97
74) N-amyl acetate	12.072	43	18050	3.284	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.505	83	13343	3.720	ug/l	95
76) 1,2,3-Trichloropropane	12.560	75	7700m	2.949	ug/l	
77) Bromobenzene	12.530	156	15681	3.498	ug/l	87
78) n-propylbenzene	12.597	91	88799	3.707	ug/l	99
79) 2-Chlorotoluene	12.682	91	51904	3.718	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	59526	3.623	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	4081m	3.000	ug/l	
82) 4-Chlorotoluene	12.780	91	53218	3.708	ug/l	94
83) tert-Butylbenzene	12.999	119	57944	3.896	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	60083	3.694	ug/l	97
85) sec-Butylbenzene	13.176	105	81972	3.794	ug/l	99
86) p-Isopropyltoluene	13.292	119	66162	3.743	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	32471	3.728	ug/l	95
88) 1,4-Dichlorobenzene	13.365	146	33257	3.848	ug/l	89
89) n-Butylbenzene	13.621	91	64363	3.808	ug/l	98
90) Hexachloroethane	13.877	117	14104	3.834	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	29947	3.853	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2068	3.459	ug/l	80
93) 1,2,4-Trichlorobenzene	14.919	180	17141	3.626	ug/l	93
94) Hexachlorobutadiene	15.023	225	10290	4.075	ug/l	97
95) Naphthalene	15.145	128	28274	2.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	13681	3.384	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
Data File : VY019561.D
Acq On : 16 Sep 2024 12:23
Operator : SY/MD
Sample : P3390-03 4 PPB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

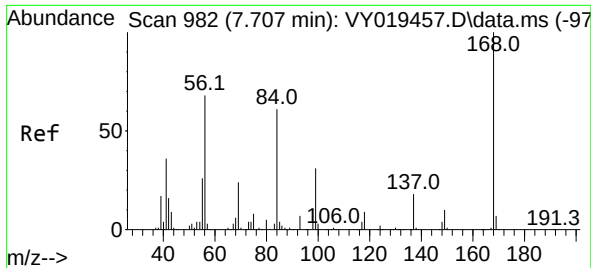
Quant Time: Sep 17 05:53:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 05:51:44 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

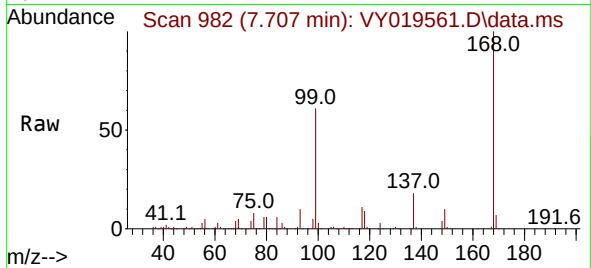
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)= qualifier out of range (m)= manual integration (+)= signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

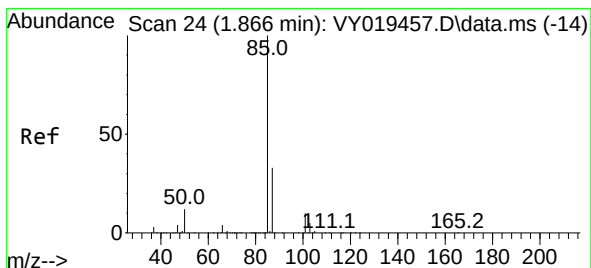
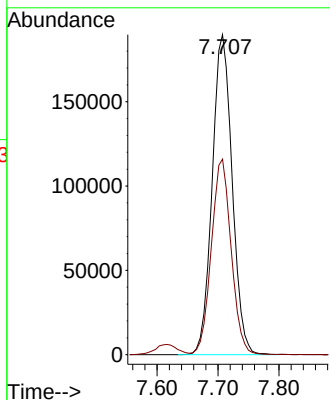
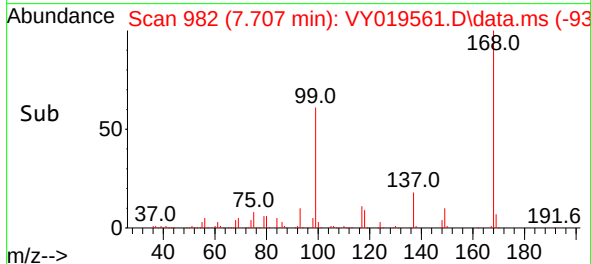
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:168 Resp: 431892
Ion Ratio Lower Upper
168 100
99 61.0 39.1 58.7

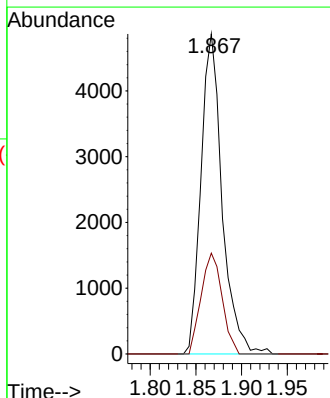
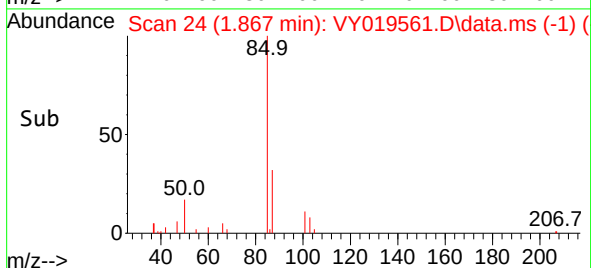
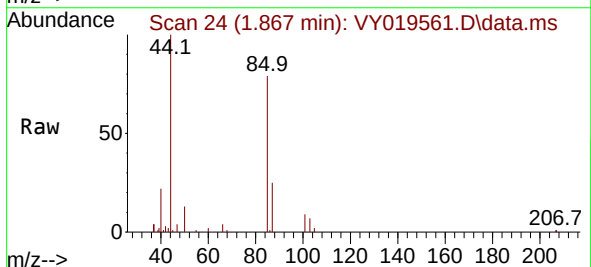
Manual Integrations
APPROVED

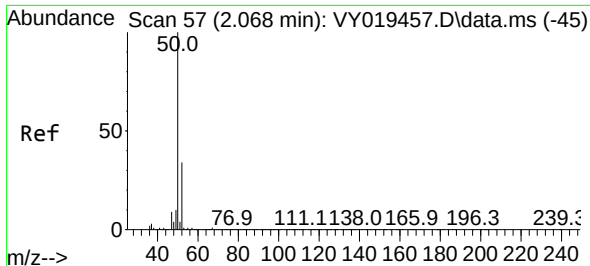
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#2
Dichlorodifluoromethane
Concen: 2.861 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

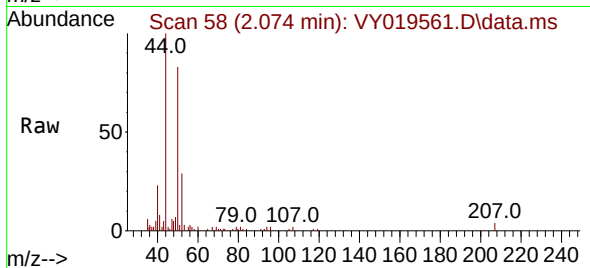
Tgt Ion: 85 Resp: 7812
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0





#3
Chloromethane
Concen: 2.346 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

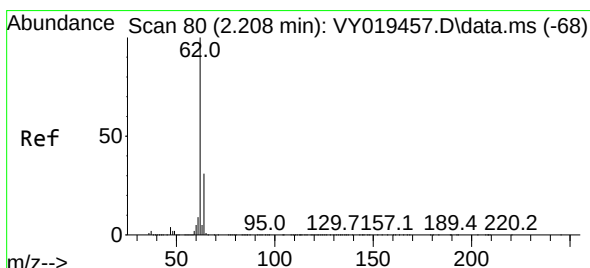
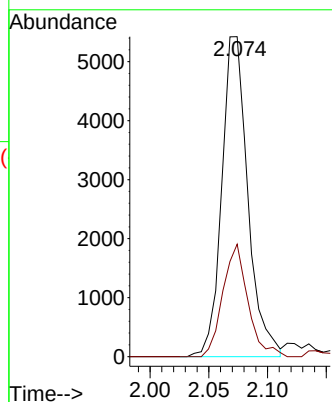
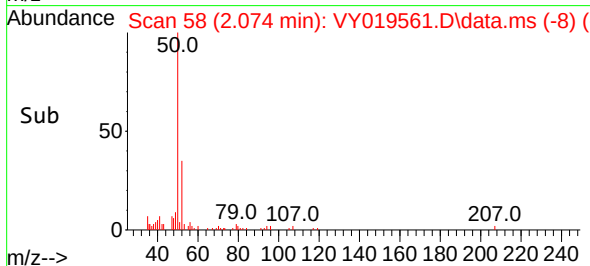
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 50 Resp: 838
Ion Ratio Lower Upper
50 100
52 35.1 25.6 38.4

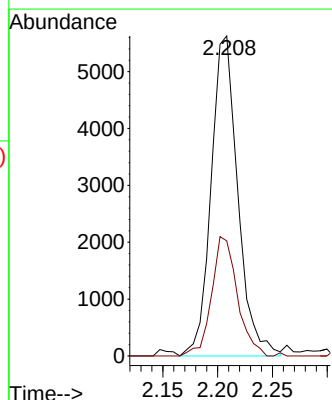
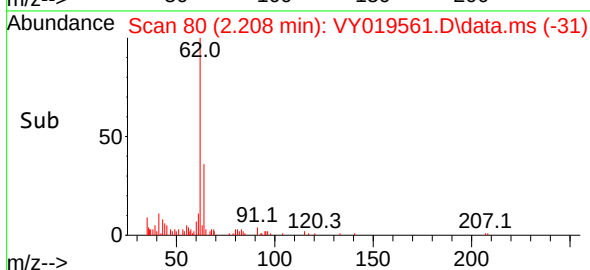
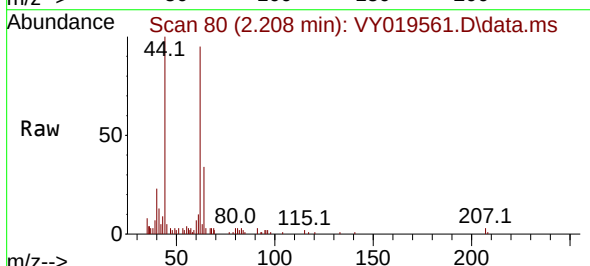
Manual Integrations
APPROVED

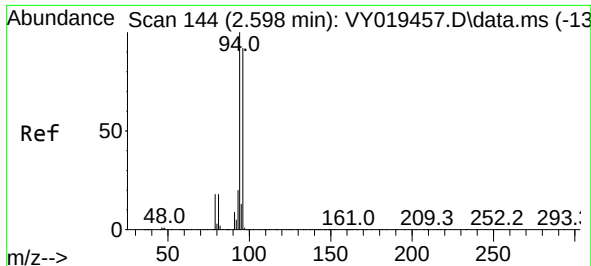
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#4
Vinyl Chloride
Concen: 2.469 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

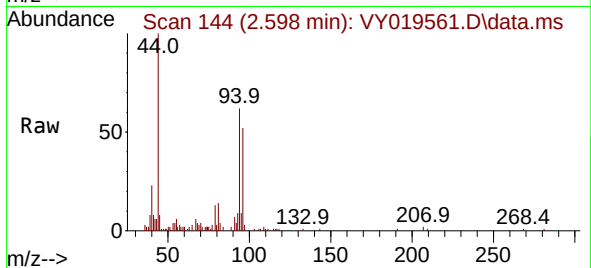
Tgt Ion: 62 Resp: 9540
Ion Ratio Lower Upper
62 100
64 36.0 26.1 39.1





#5
Bromomethane
Concen: 3.385 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

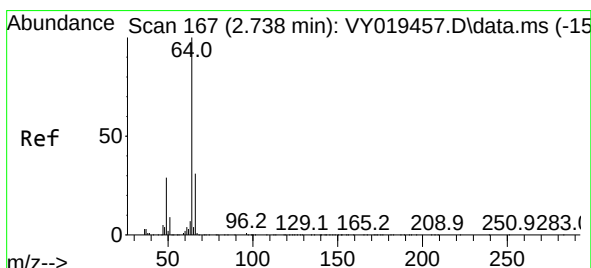
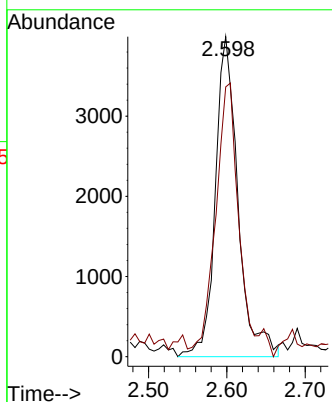
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



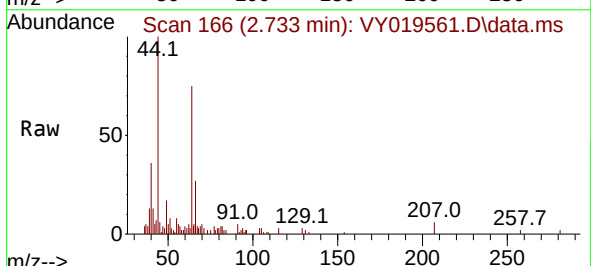
Tgt Ion: 94 Resp: 8034
Ion Ratio Lower Upper
94 100
96 81.0 74.1 111.1

Manual Integrations
APPROVED

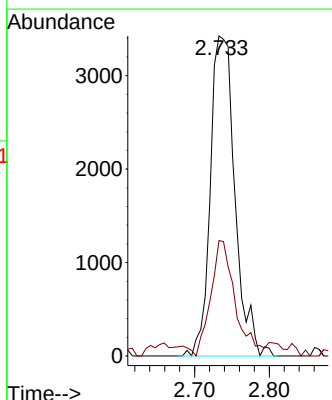
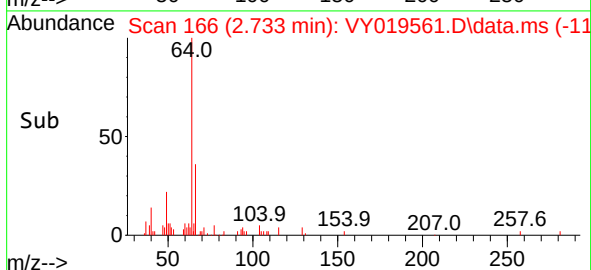
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

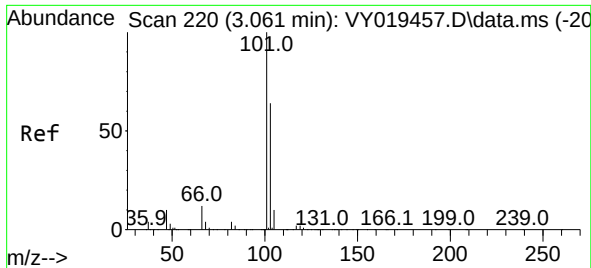


#6
Chloroethane
Concen: 3.101 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23



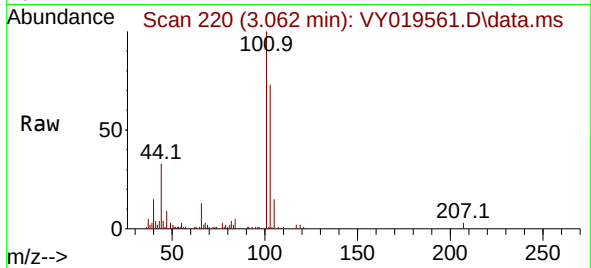
Tgt Ion: 64 Resp: 7832
Ion Ratio Lower Upper
64 100
66 33.2 26.1 39.1





#7
Trichlorofluoromethane
Concen: 3.235 ug/l
RT: 3.062 min Scan# 210
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

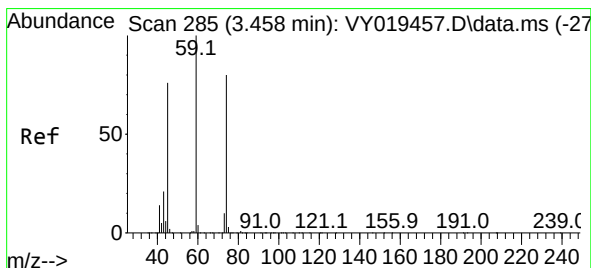
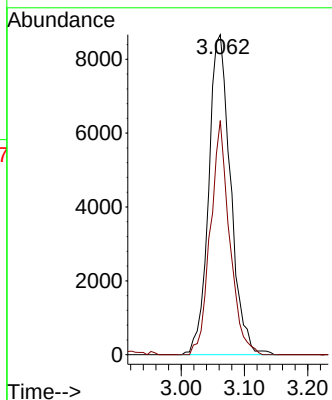
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion:101 Resp: 20830
Ion Ratio Lower Upper
101 100
103 73.2 49.3 73.9

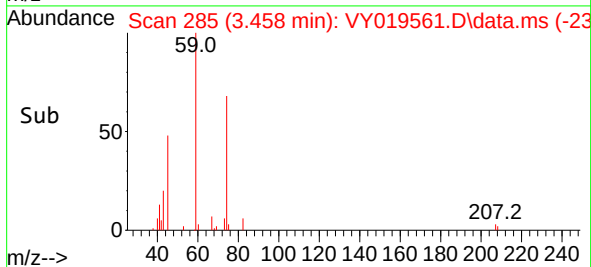
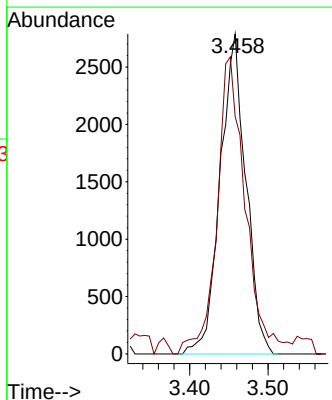
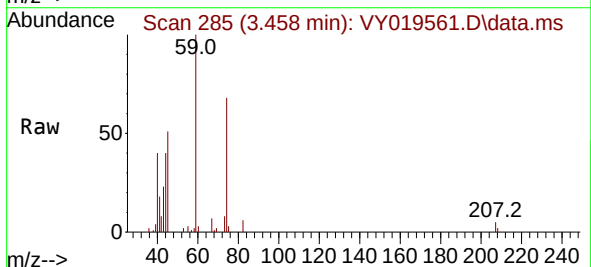
Manual Integrations
APPROVED

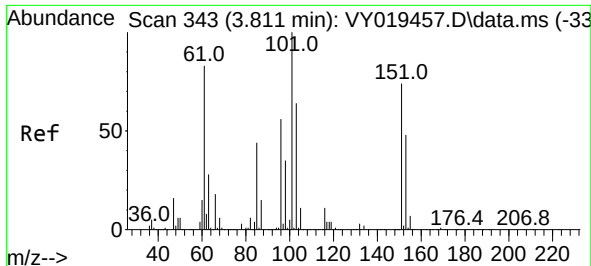
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#8
Diethyl Ether
Concen: 2.938 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

Tgt Ion: 74 Resp: 6353
Ion Ratio Lower Upper
74 100
45 101.4 41.3 124.1





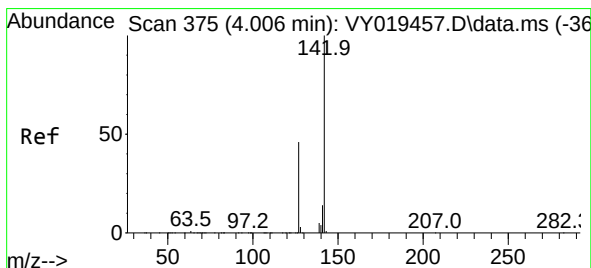
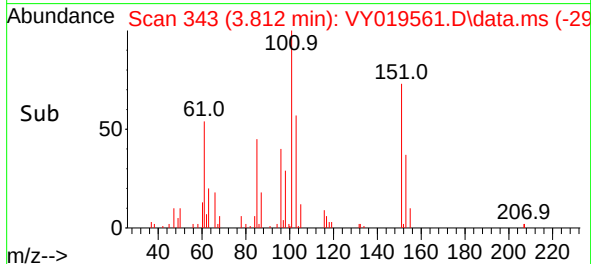
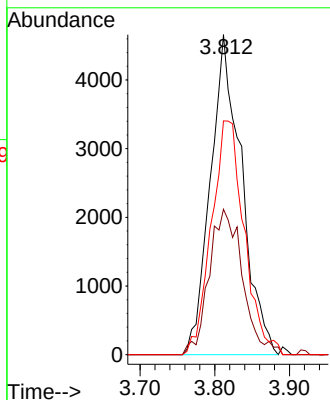
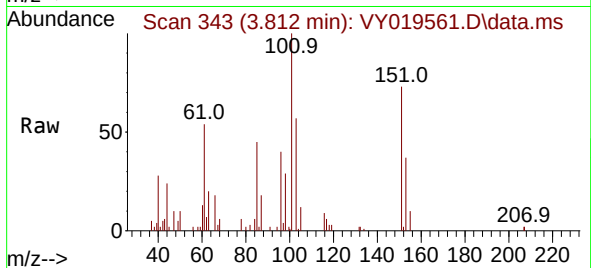
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.386 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion:101 Resp: 1349
Ion Ratio Lower Upper
101 100
85 48.7 34.5 51.7
151 77.2 61.7 92.5

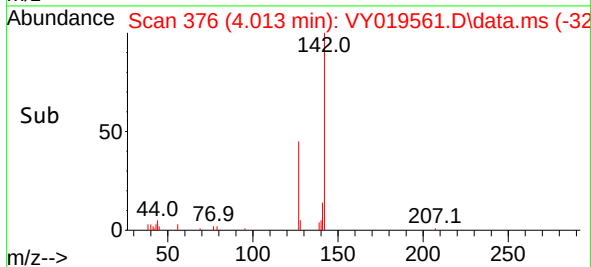
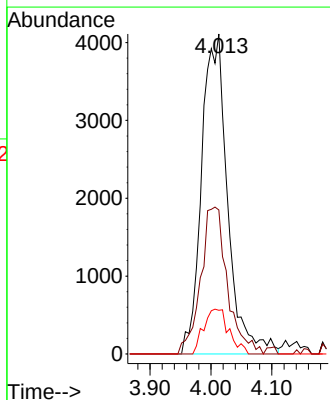
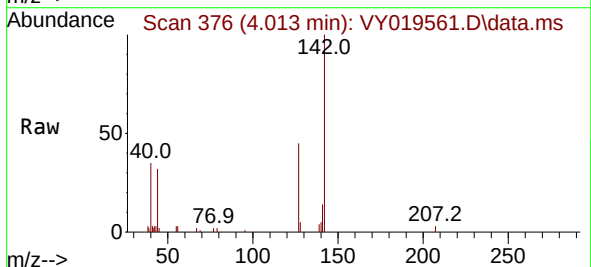
Manual Integrations
APPROVED

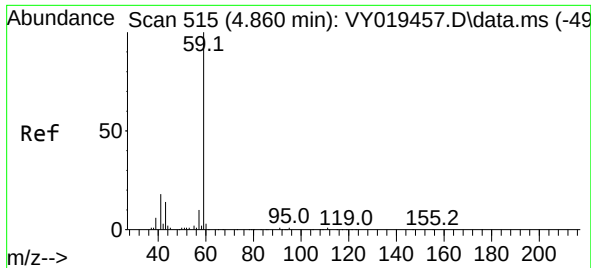
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#10
Methyl Iodide
Concen: 2.384 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

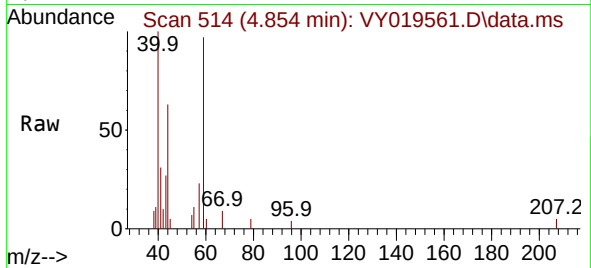
Tgt Ion:142 Resp: 12176
Ion Ratio Lower Upper
142 100
127 47.1 32.8 49.2
141 13.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 18.612 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

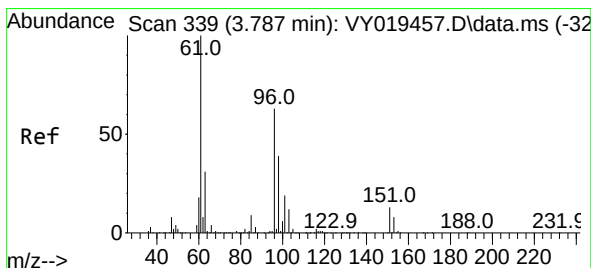
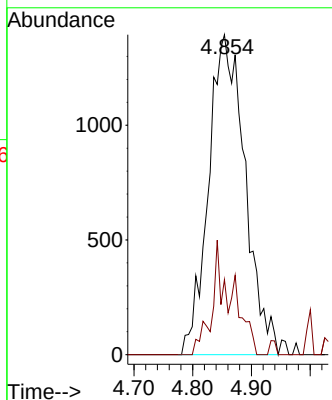
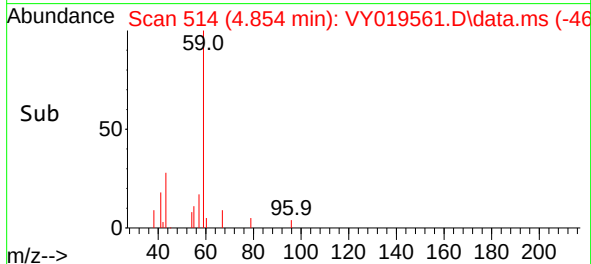
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



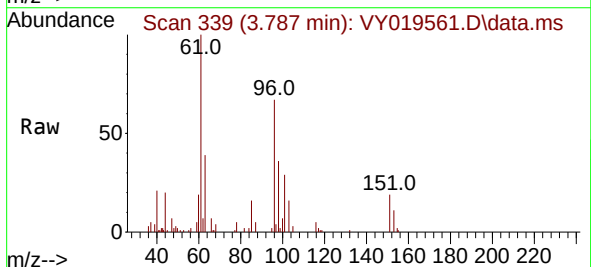
Tgt Ion: 59 Resp: 601
Ion Ratio Lower Upper
59 100
57 11.8 3.0 4.6

Manual Integrations
APPROVED

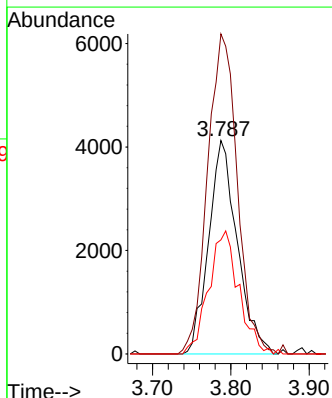
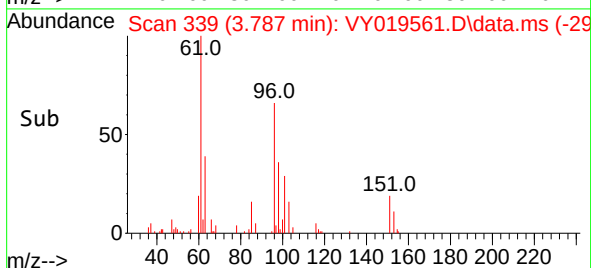
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

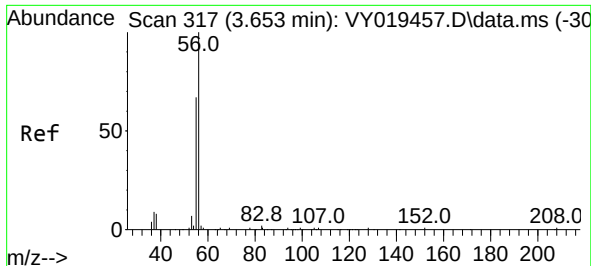


#12
1,1-Dichloroethene
Concen: 2.730 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23



Tgt Ion: 96 Resp: 10459
Ion Ratio Lower Upper
96 100
61 149.9 114.6 171.8
98 53.4 50.8 76.2





#13

Acrolein

Concen: 44.173 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 56 Resp: 7650

Ion Ratio Lower Upper

56 100

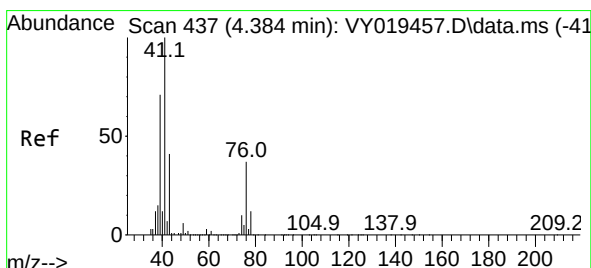
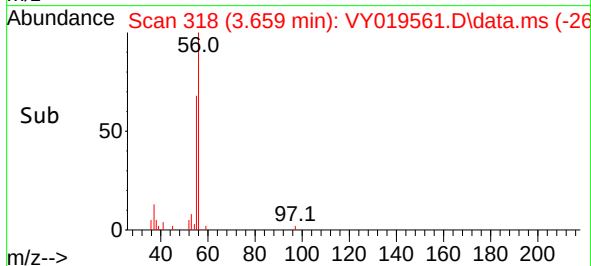
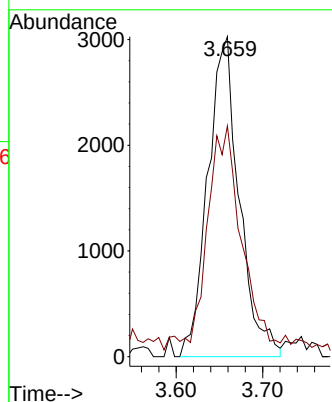
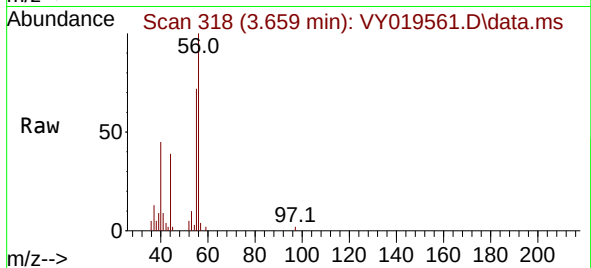
55 70.5 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024

Supervised By :Semsettin Yesilyurt 09/17/2024



#14

Allyl chloride

Concen: 2.798 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

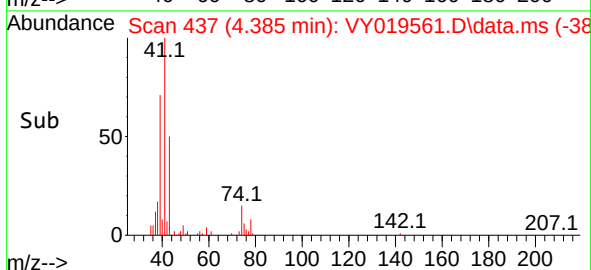
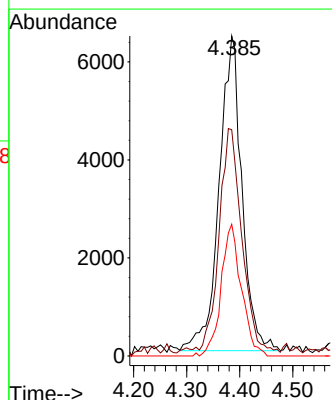
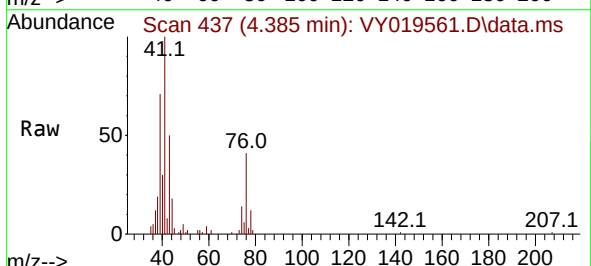
Tgt Ion: 41 Resp: 19228

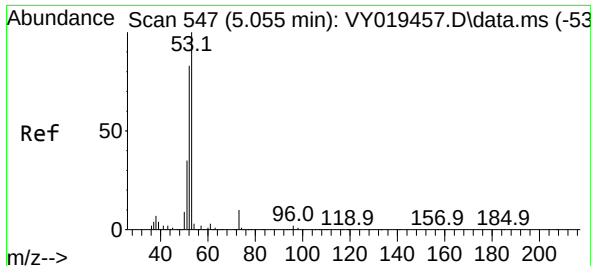
Ion Ratio Lower Upper

41 100

39 70.6 58.3 87.5

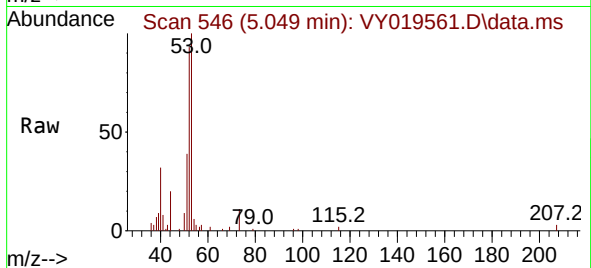
76 37.0 39.0 58.6





#15
Acrylonitrile
Concen: 17.117 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

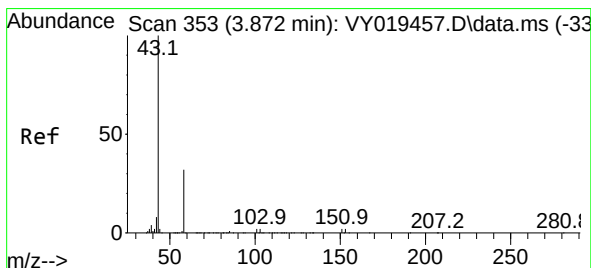
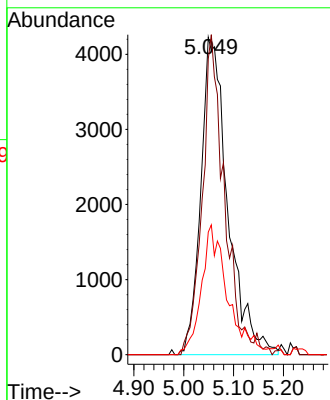
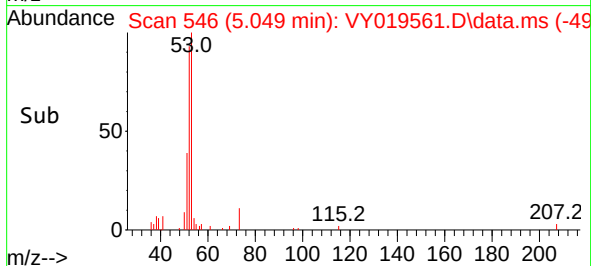
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 53 Resp: 1595
Ion Ratio Lower Upper
53 100
52 81.6 64.7 97.1
51 39.4 28.4 42.6

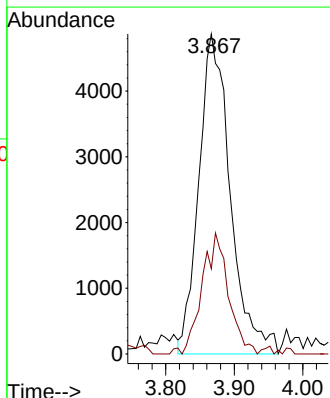
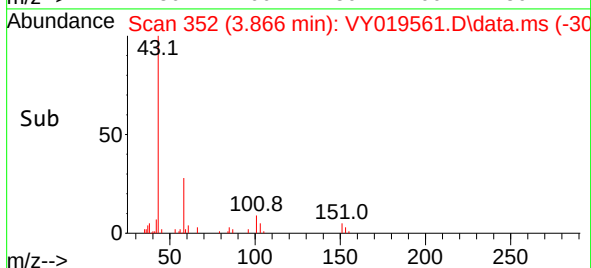
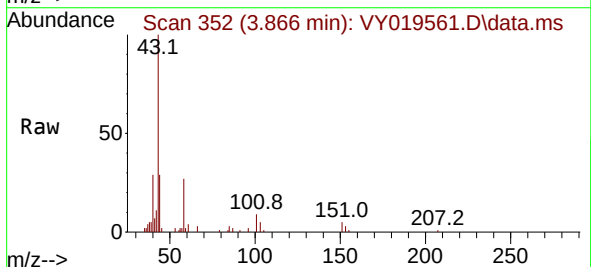
Manual Integrations
APPROVED

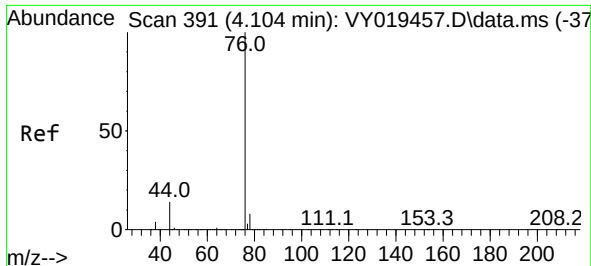
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#16
Acetone
Concen: 16.323 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

Tgt Ion: 43 Resp: 15552
Ion Ratio Lower Upper
43 100
58 25.5 31.7 47.5#





#17

Carbon Disulfide

Concen: 1.172 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY019561.D

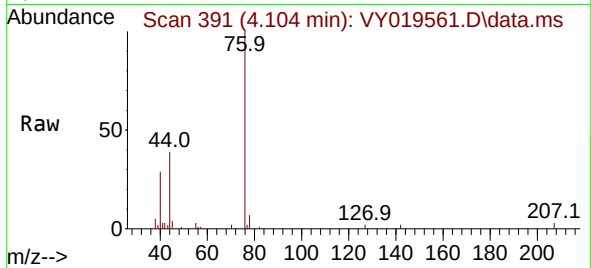
Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

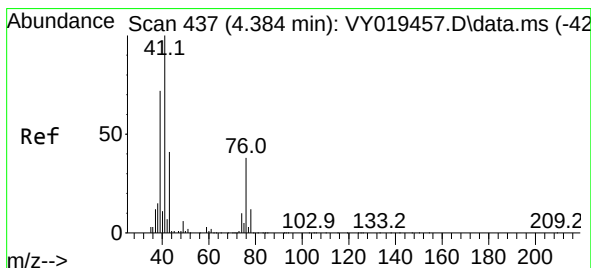
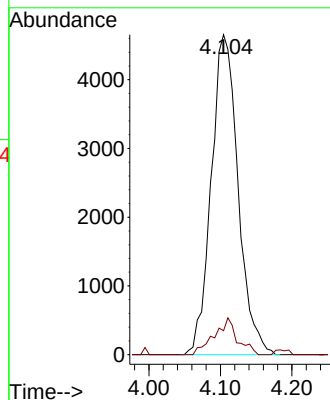
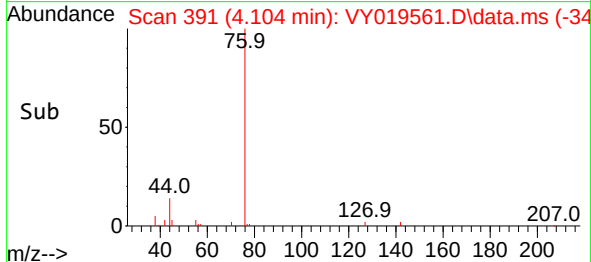


Tgt Ion: 76 Resp: 12138
Ion Ratio Lower Upper
76 100
78 7.5 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#18

Methyl Acetate

Concen: 4.218 ug/l

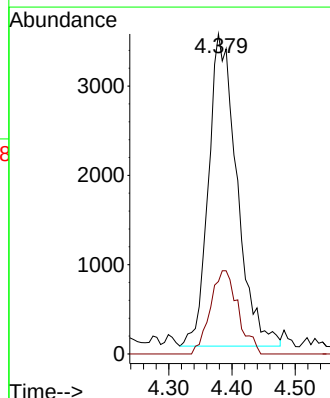
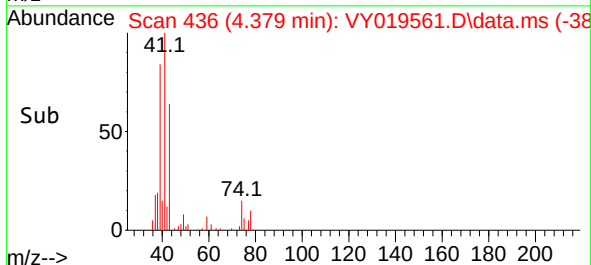
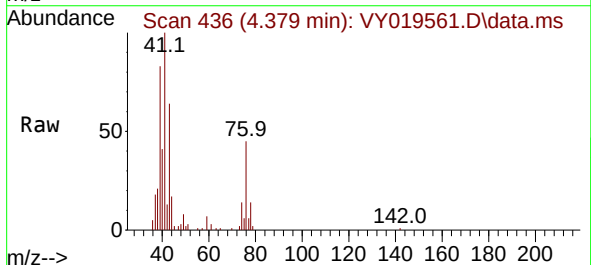
RT: 4.379 min Scan# 436

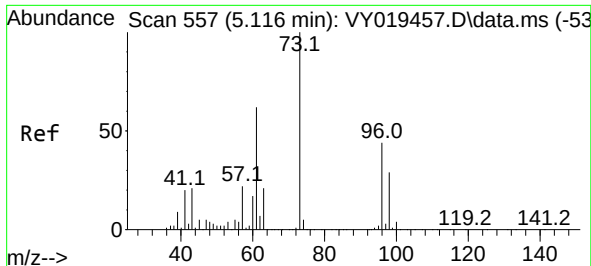
Delta R.T. -0.006 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Tgt Ion: 43 Resp: 10905
Ion Ratio Lower Upper
43 100
74 26.0 23.3 34.9





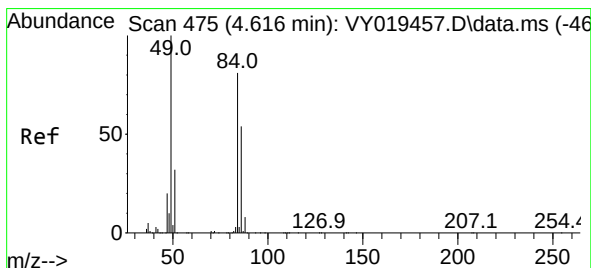
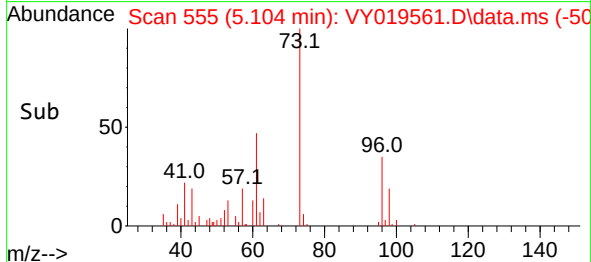
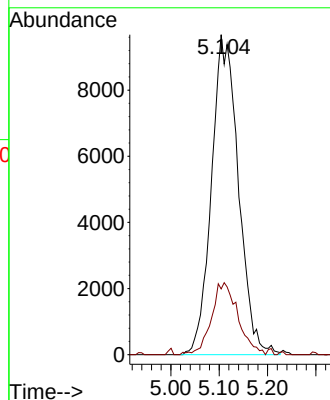
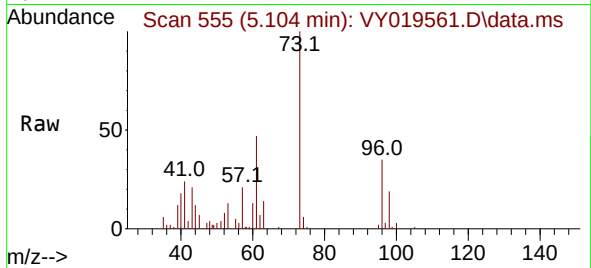
#19
Methyl tert-butyl Ether
Concen: 3.448 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 73 Resp: 3742
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9

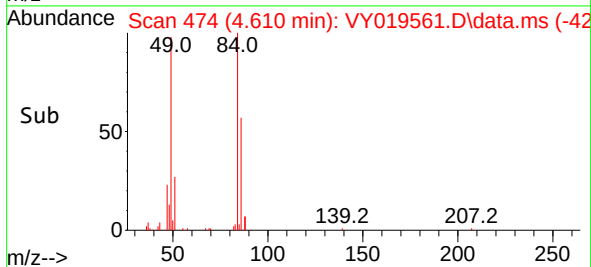
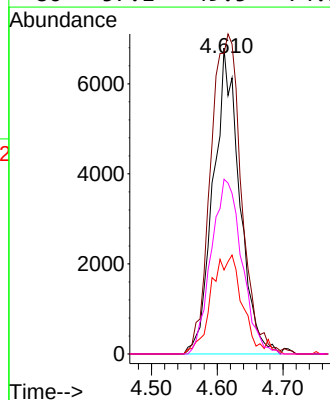
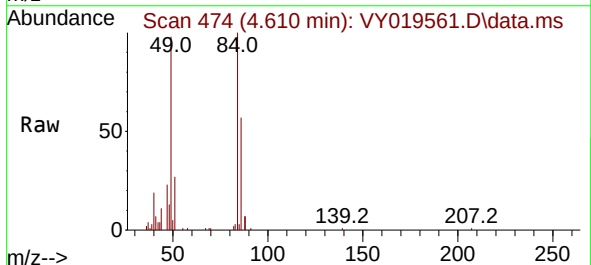
Manual Integrations
APPROVED

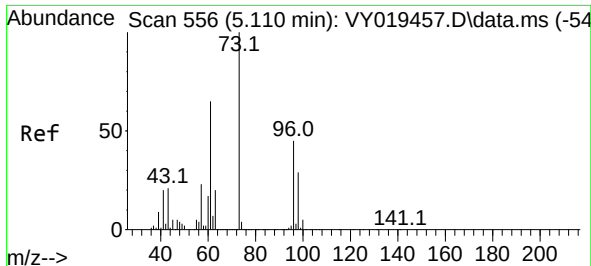
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#20
Methylene Chloride
Concen: 4.347 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

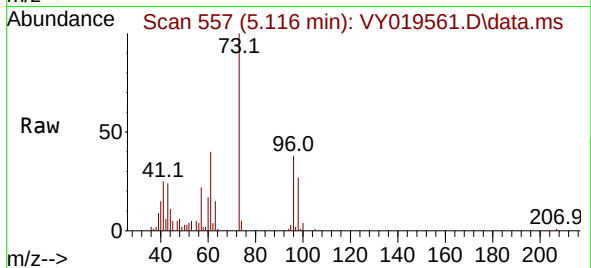
Tgt Ion: 84 Resp: 18890
Ion Ratio Lower Upper
84 100
49 98.3 84.4 126.6
51 27.5 26.0 39.0
86 57.1 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 2.656 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

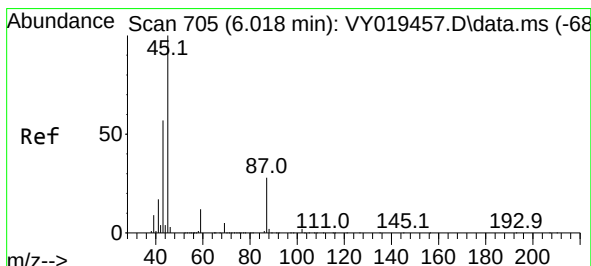
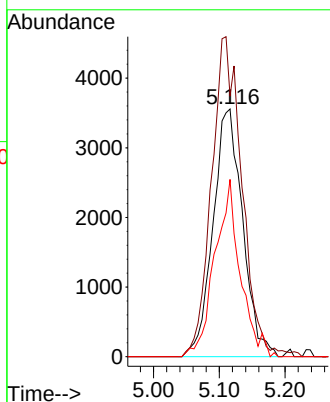
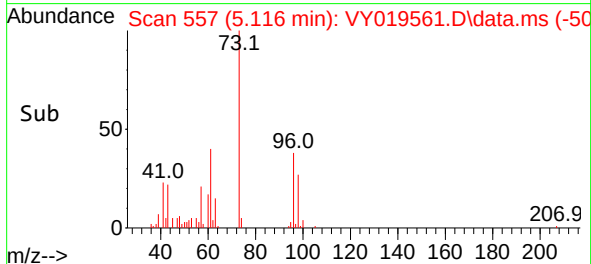
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 96 Resp: 1115
Ion Ratio Lower Upper
96 100
61 105.1 97.5 146.3
98 71.6 50.5 75.7

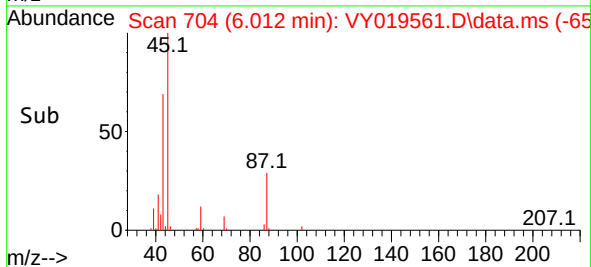
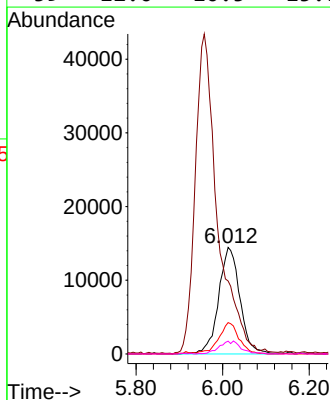
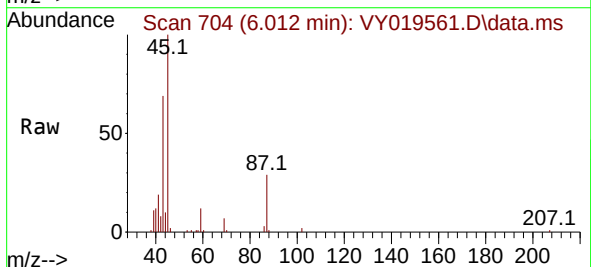
Manual Integrations
APPROVED

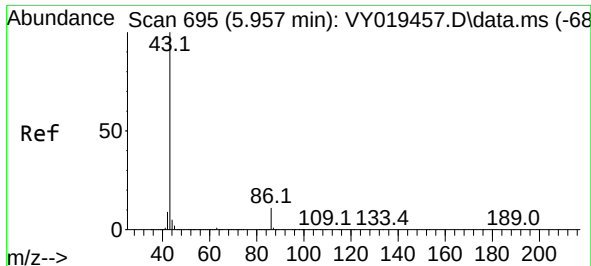
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#22
Diisopropyl ether
Concen: 3.499 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

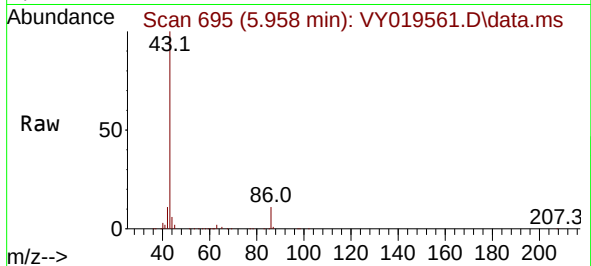
Tgt Ion: 45 Resp: 49368
Ion Ratio Lower Upper
45 100
43 67.0 42.2 63.2#
87 29.5 25.0 37.6
59 12.0 10.5 15.7





#23
 Vinyl Acetate
 Concen: 19.253 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019561.D
 Acq: 16 Sep 2024 12:23

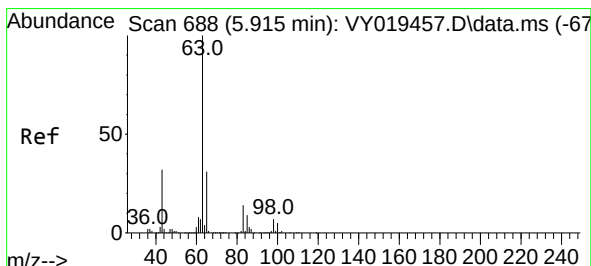
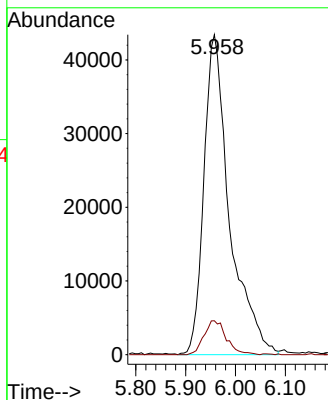
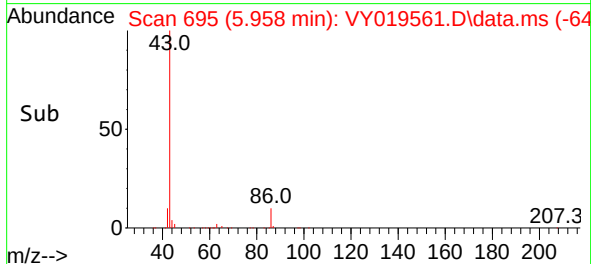
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 155180
 Ion Ratio Lower Upper
 43 100
 86 10.6 10.6 16.0

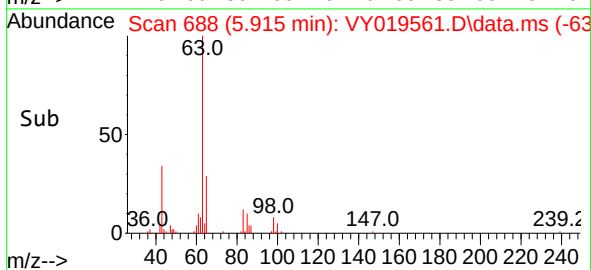
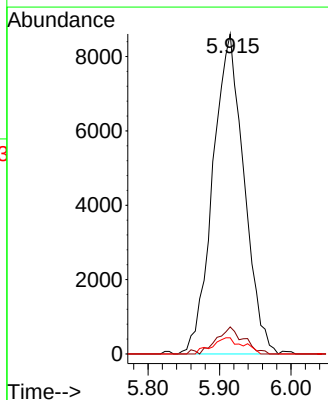
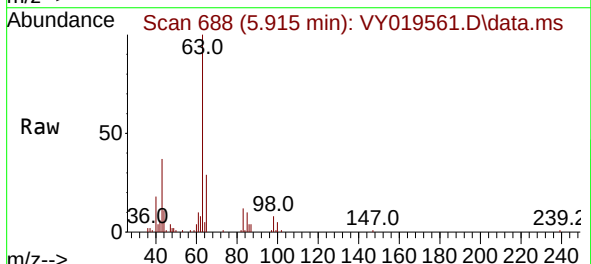
Manual Integrations
 APPROVED

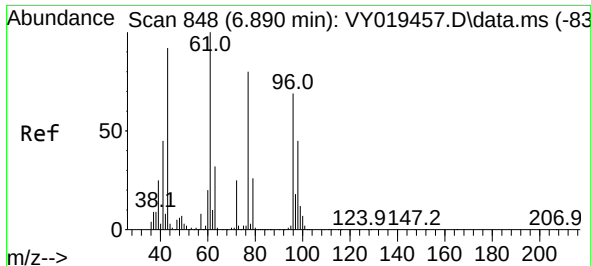
Reviewed By :Mahesh Dadoda 09/17/2024
 Supervised By :Semsettin Yesilyurt 09/17/2024



#24
 1,1-Dichloroethane
 Concen: 3.289 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019561.D
 Acq: 16 Sep 2024 12:23

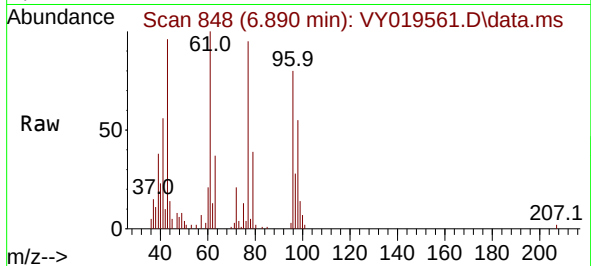
Tgt Ion: 63 Resp: 26040
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 12.2
 100 5.1 2.6 8.0





#25
2-Butanone
Concen: 15.157 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

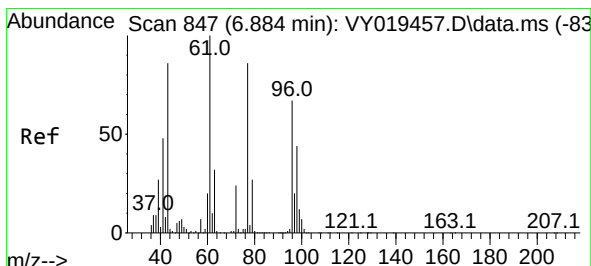
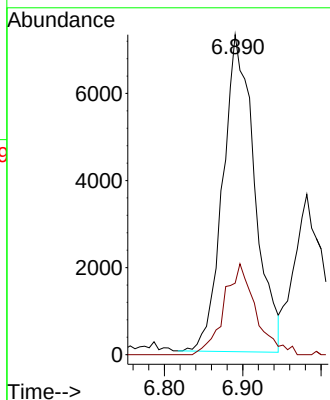
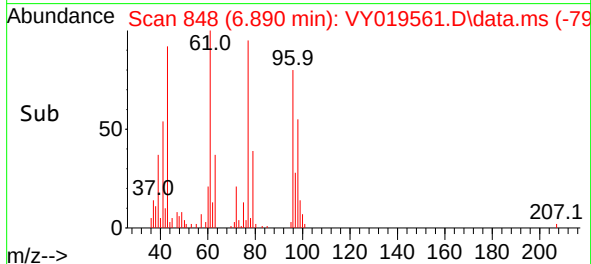
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 20538
Ion Ratio Lower Upper
43 100
72 22.6 27.3 40.9

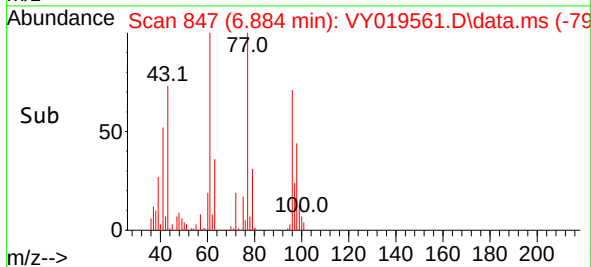
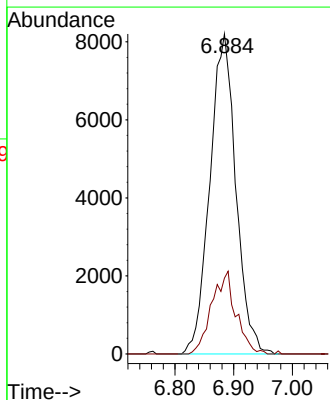
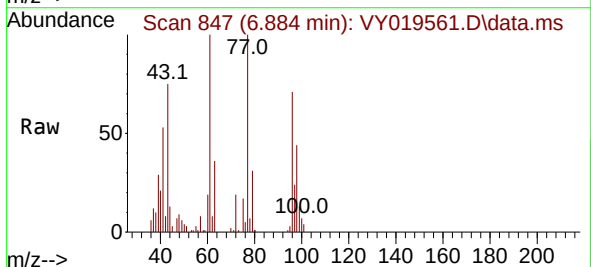
Manual Integrations
APPROVED

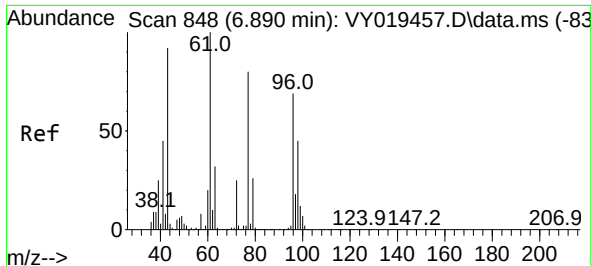
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#26
2,2-Dichloropropane
Concen: 3.534 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

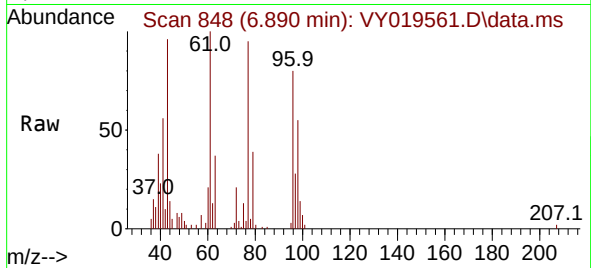
Tgt Ion: 77 Resp: 25239
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 3.357 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019561.D
 Acq: 16 Sep 2024 12:23

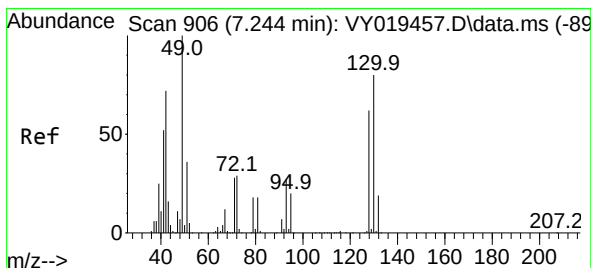
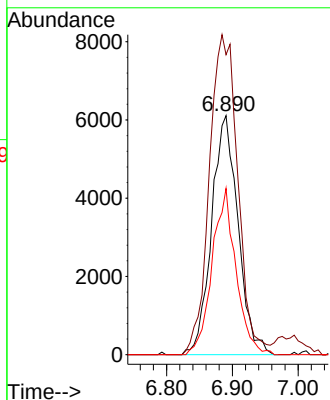
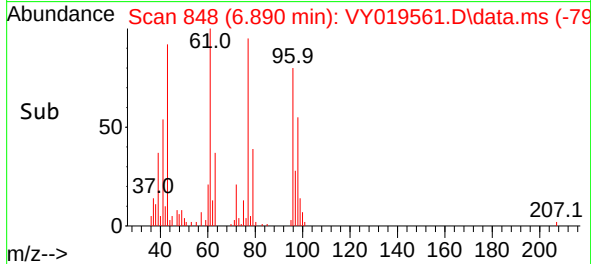
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2024



Tgt Ion: 96 Resp: 17128
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 256.2
 98 62.7 0.0 130.0

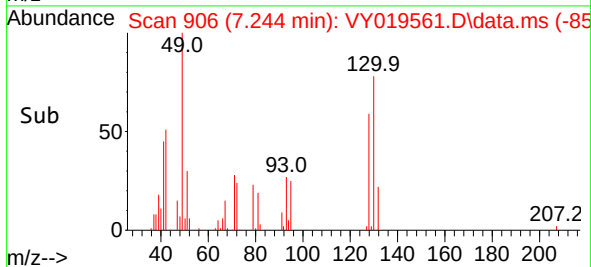
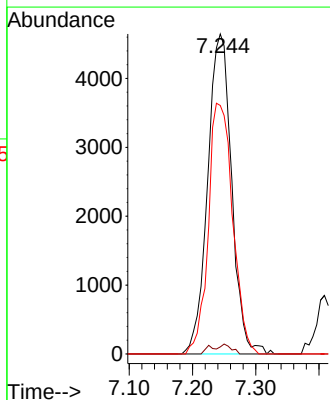
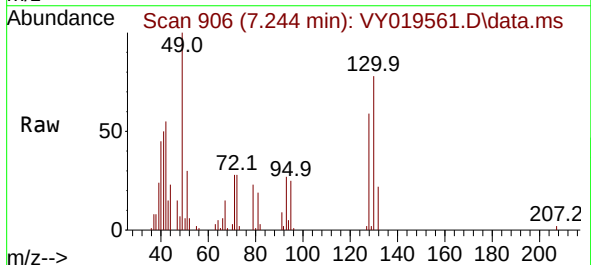
Manual Integrations
 APPROVED

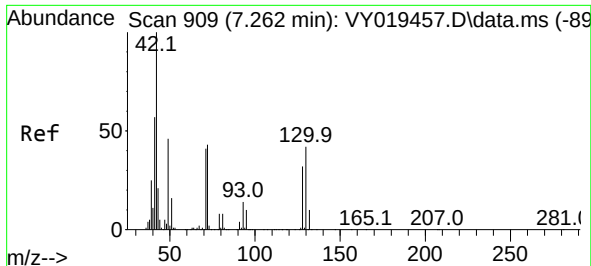
Reviewed By :Mahesh Dadoda 09/17/2024
 Supervised By :Semsettin Yesilyurt 09/17/2024



#28
 Bromochloromethane
 Concen: 3.666 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019561.D
 Acq: 16 Sep 2024 12:23

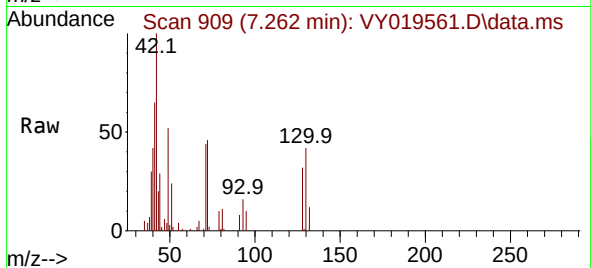
Tgt Ion: 49 Resp: 12214
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 79.6 72.7 109.1





#29
Tetrahydrofuran
Concen: 16.304 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

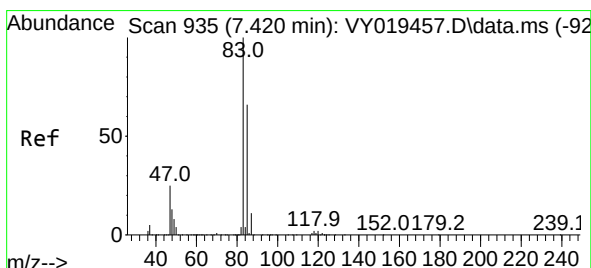
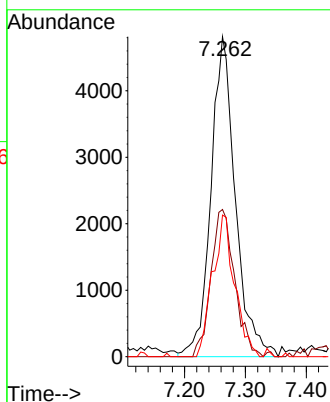
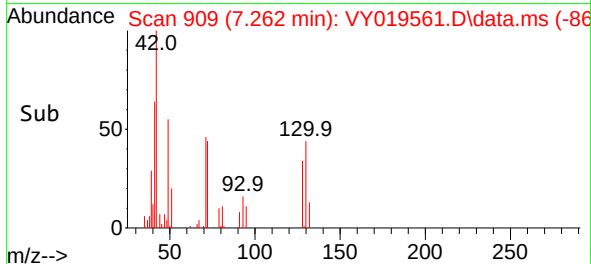
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 42 Resp: 1343
Ion Ratio Lower Upper
42 100
72 44.5 43.0 64.4
71 40.0 40.8 61.2

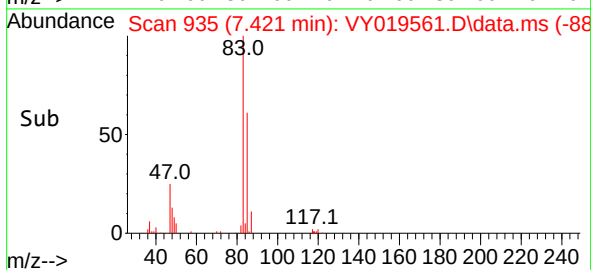
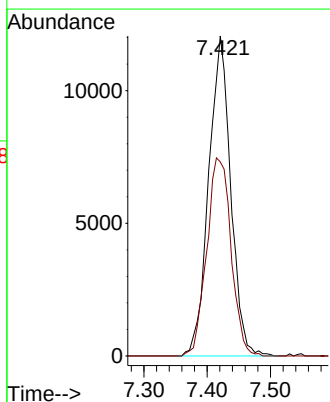
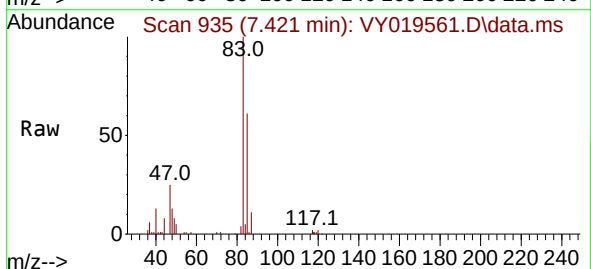
Manual Integrations
APPROVED

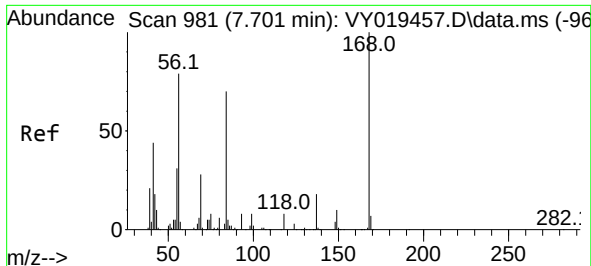
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#30
Chloroform
Concen: 3.605 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

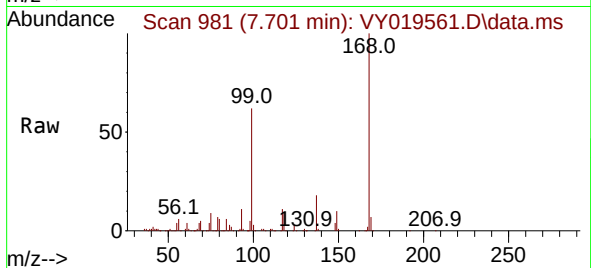
Tgt Ion: 83 Resp: 29143
Ion Ratio Lower Upper
83 100
85 60.7 52.2 78.4





#31
Cyclohexane
Concen: 3.591 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

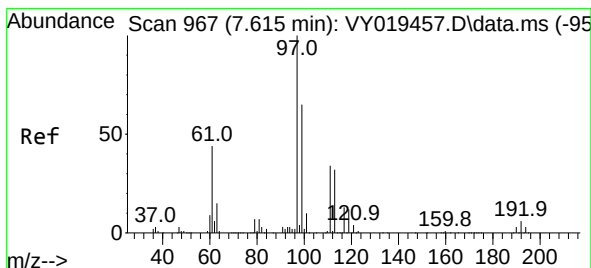
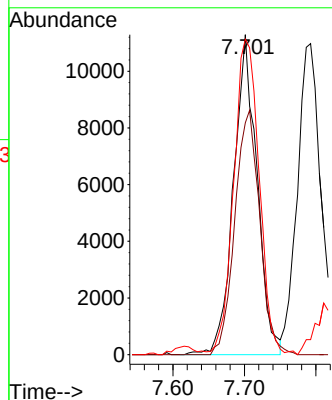
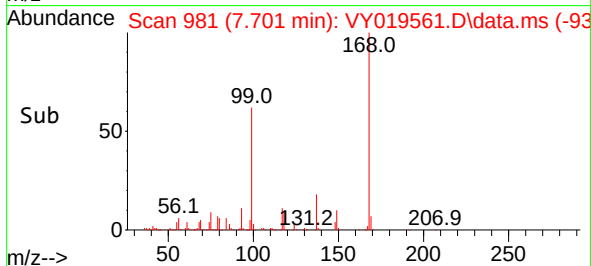
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



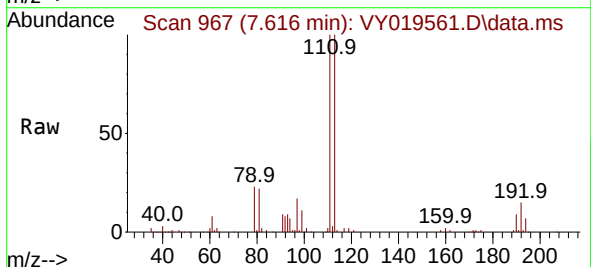
Tgt Ion: 56 Resp: 25704
Ion Ratio Lower Upper
56 100
69 72.4 28.7 43.1
84 96.9 77.7 116.5

Manual Integrations
APPROVED

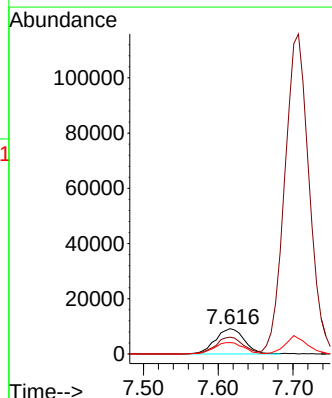
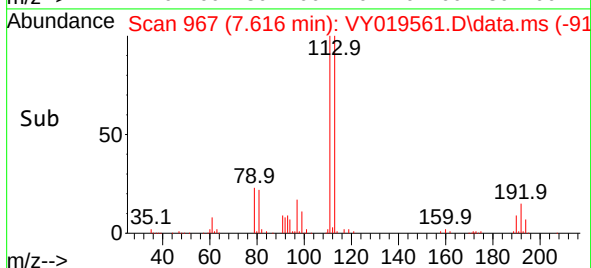
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

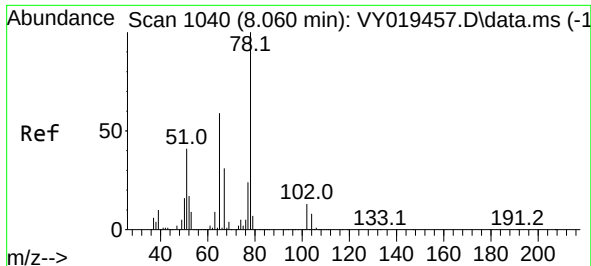


#32
1,1,1-Trichloroethane
Concen: 3.399 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23



Tgt Ion: 97 Resp: 24628
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 45.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 54.743 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 65 Resp: 21893

Ion Ratio Lower Upper

65 100

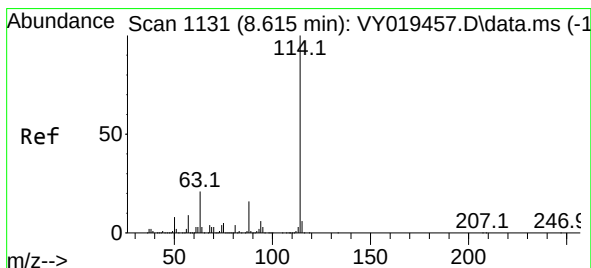
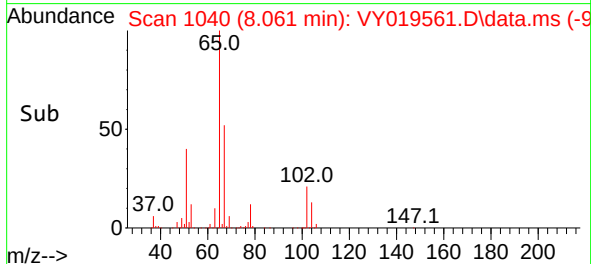
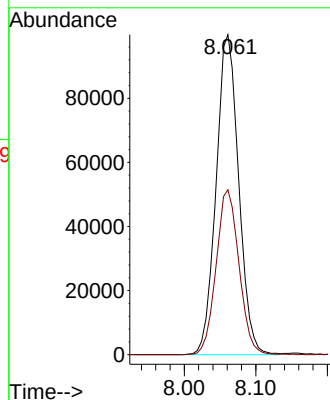
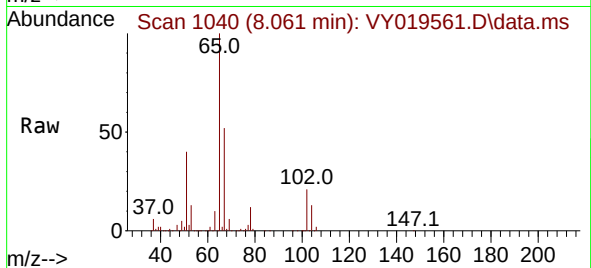
67 52.2 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024

Supervised By :Semsettin Yesilyurt 09/17/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

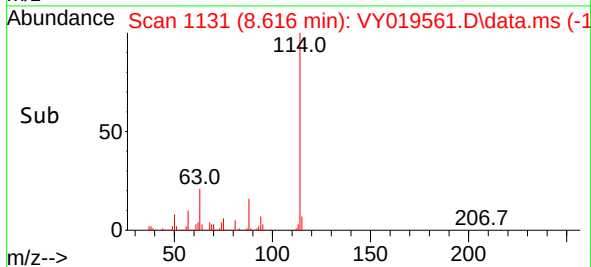
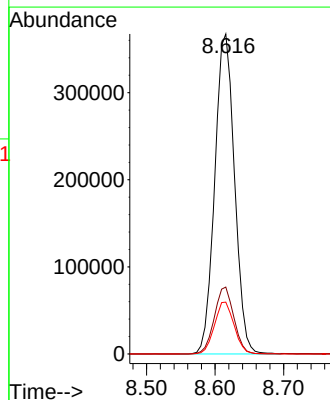
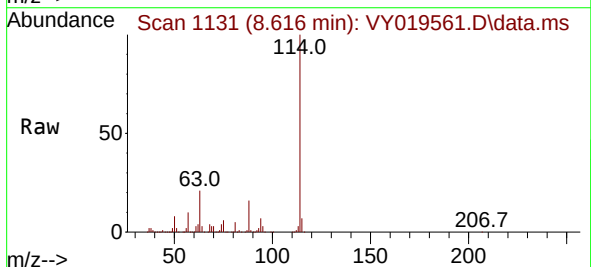
Tgt Ion:114 Resp: 735286

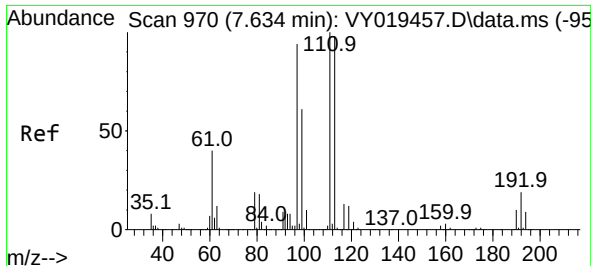
Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

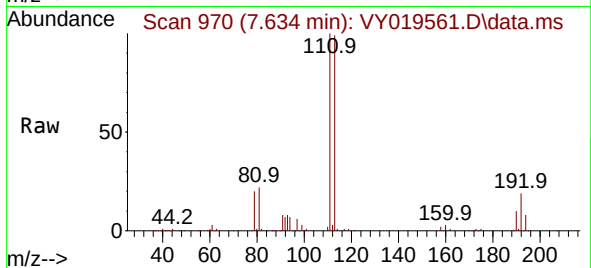
88 16.2 0.0 27.2





#35
Dibromofluoromethane
Concen: 53.375 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

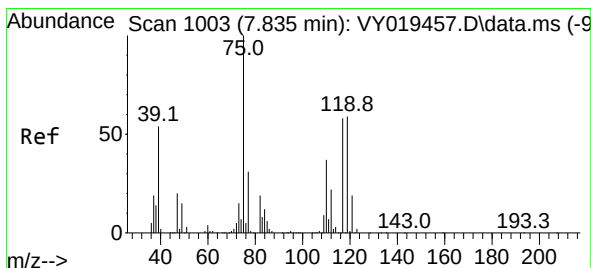
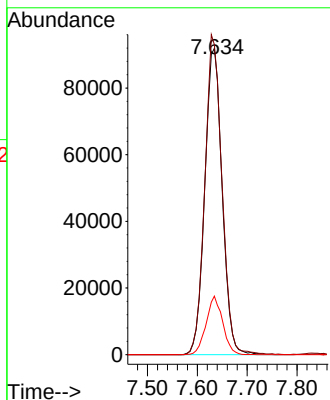
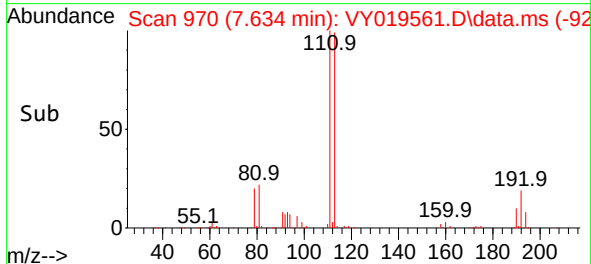
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 113 Resp: 222519
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 18.2 15.9 23.9

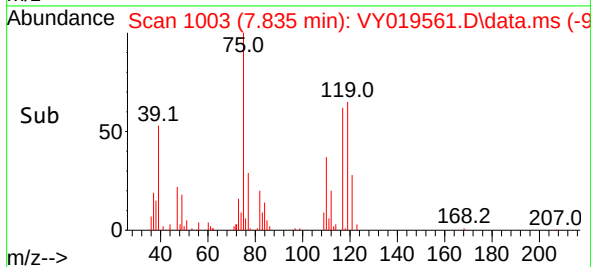
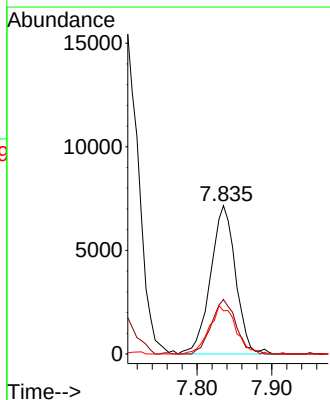
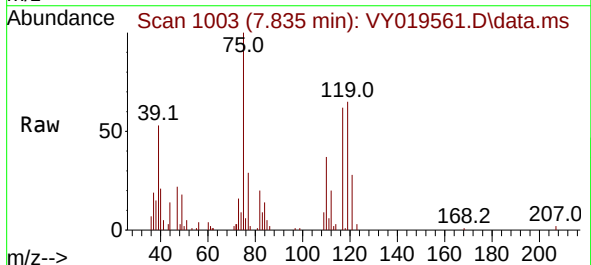
Manual Integrations
APPROVED

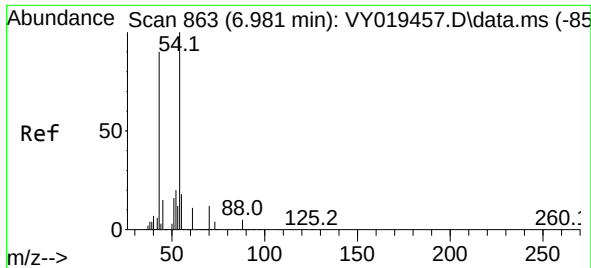
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#36
1,1-Dichloropropene
Concen: 2.940 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

Tgt Ion: 75 Resp: 16677
Ion Ratio Lower Upper
75 100
110 36.1 19.0 57.0
77 34.3 25.3 37.9





#37

Ethyl Acetate

Concen: 3.326 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY019561.D

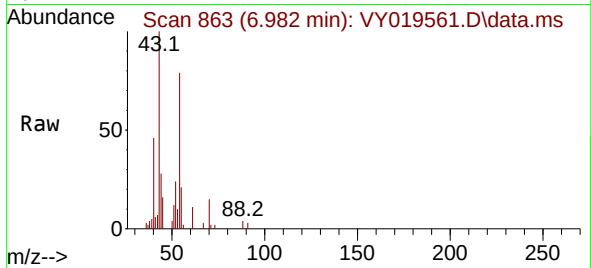
Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024



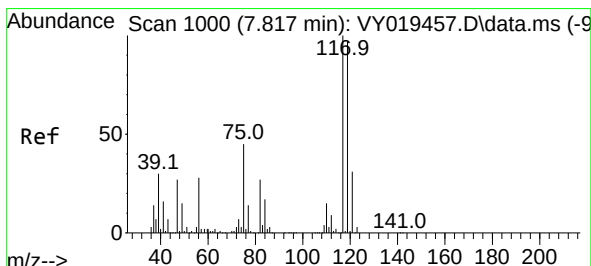
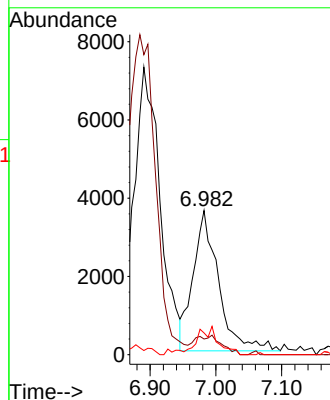
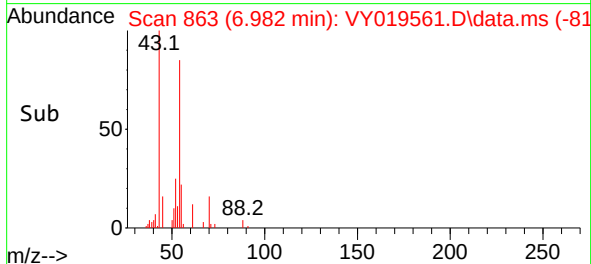
Tgt Ion:	43	Resp:	966
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0
70	17.7	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024

Supervised By :Semsettin Yesilyurt 09/17/2024



#38

Carbon Tetrachloride

Concen: 3.282 ug/l

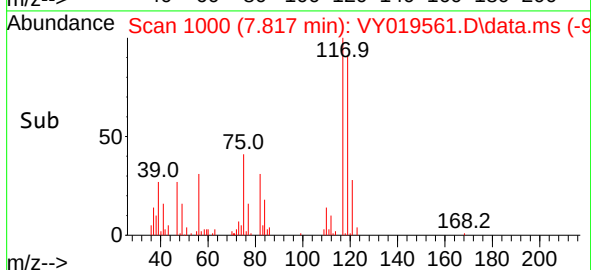
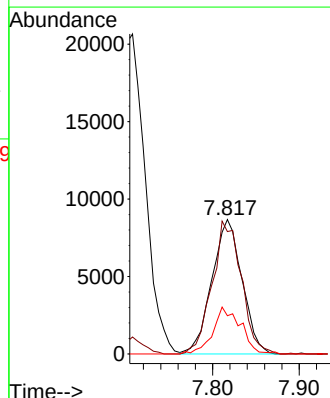
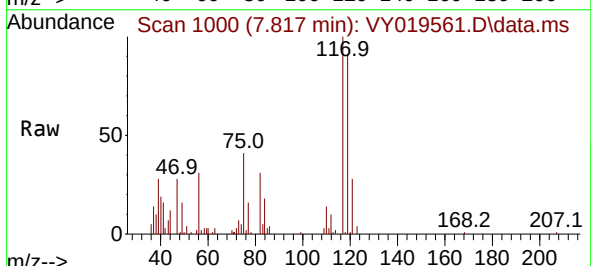
RT: 7.817 min Scan# 1000

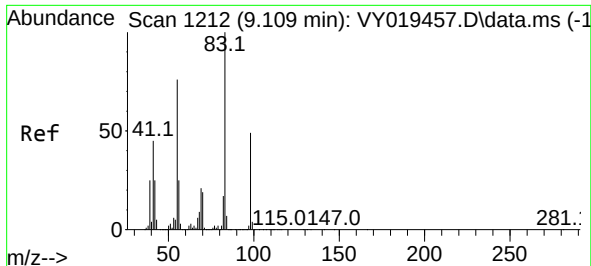
Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Tgt Ion:	117	Resp:	20997
Ion	Ratio	Lower	Upper
117	100		
119	91.1	75.8	113.6
121	28.4	24.0	36.0





#39

Methylcyclohexane

Concen: 2.522 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019561.D

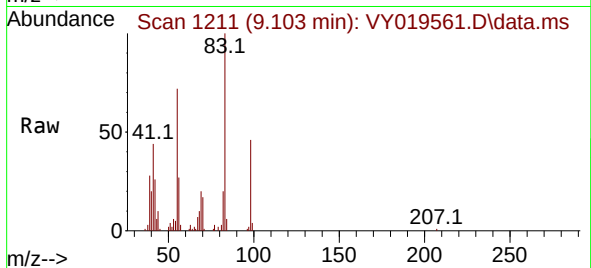
Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

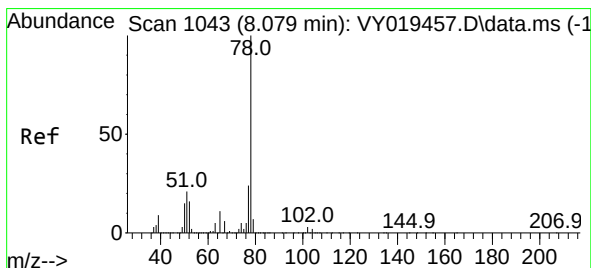
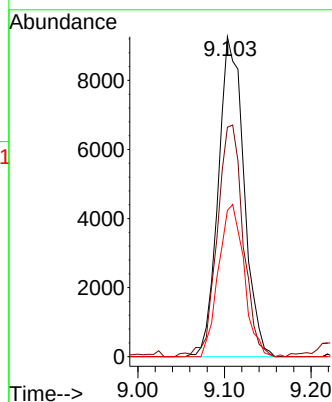


Tgt Ion: 83	Resp: 1903
Ion Ratio	Lower Upper
83	100
55	71.7 51.5 77.3
98	45.7 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#40

Benzene

Concen: 3.025 ug/l

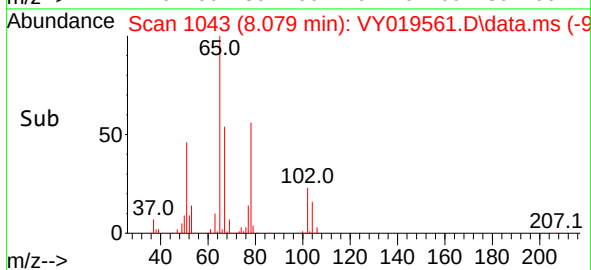
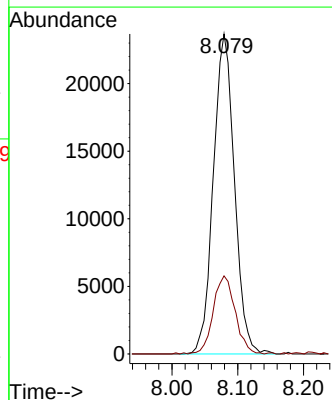
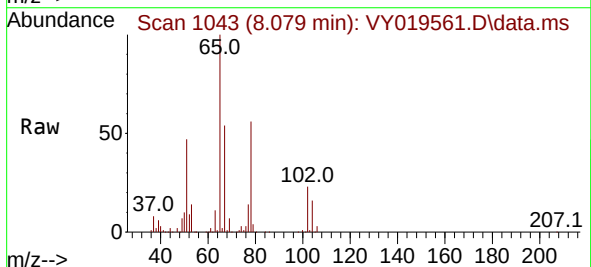
RT: 8.079 min Scan# 1043

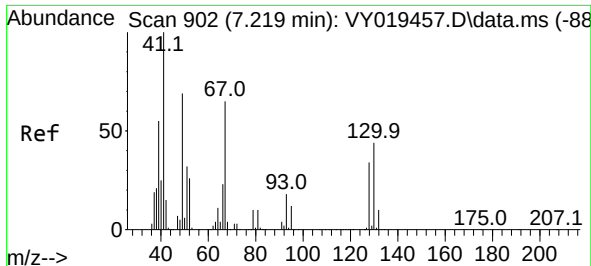
Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

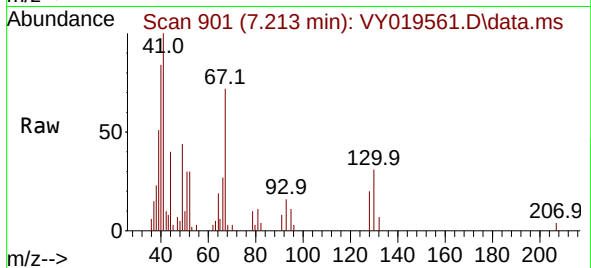
Tgt Ion: 78	Resp: 52850
Ion Ratio	Lower Upper
78	100
77	24.4 19.5 29.3





#41
Methacrylonitrile
Concen: 2.743 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

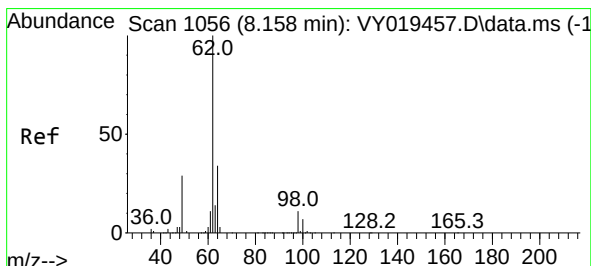
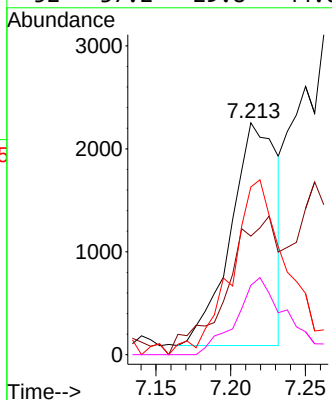
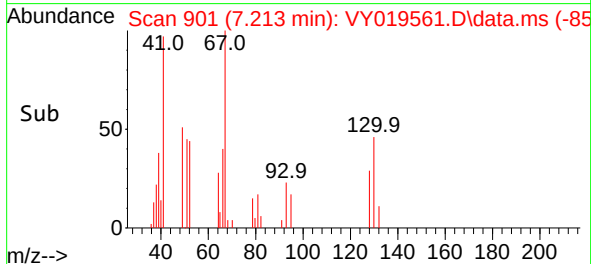
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 41 Resp: 464
Ion Ratio Lower Upper
41 100
39 67.0 48.0 72.0
67 94.6 75.1 112.7
52 37.2 29.8 44.6

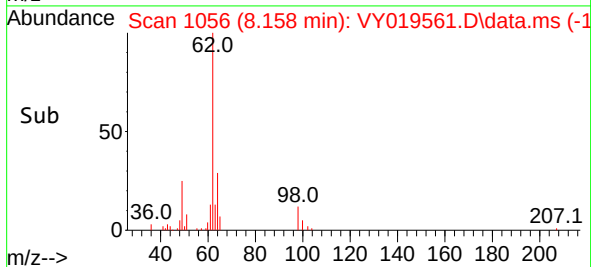
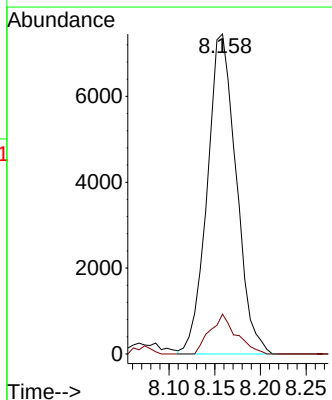
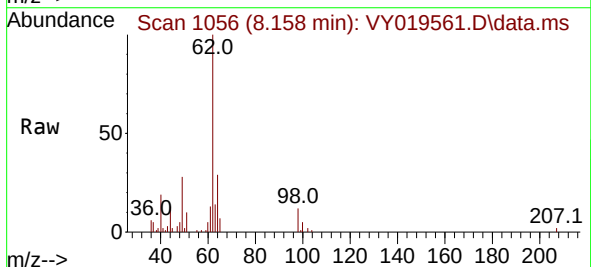
Manual Integrations
APPROVED

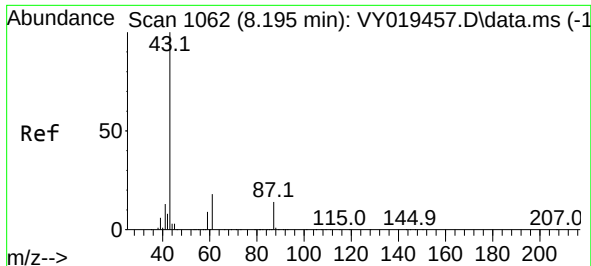
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#42
1,2-Dichloroethane
Concen: 3.499 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

Tgt Ion: 62 Resp: 16453
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.0





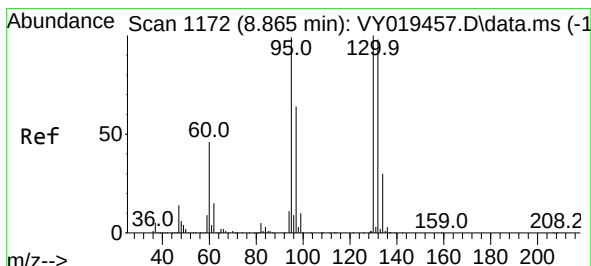
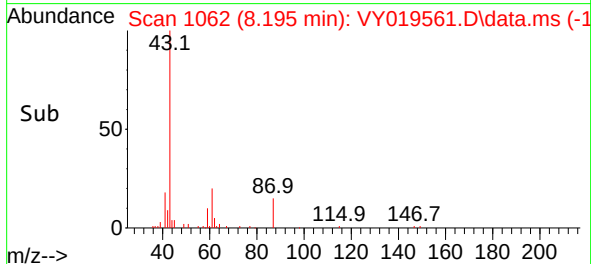
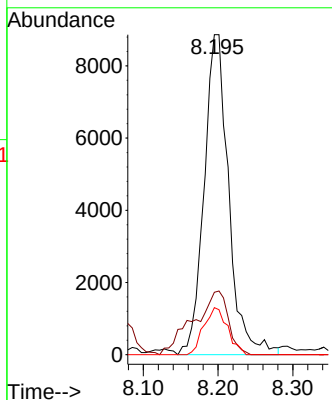
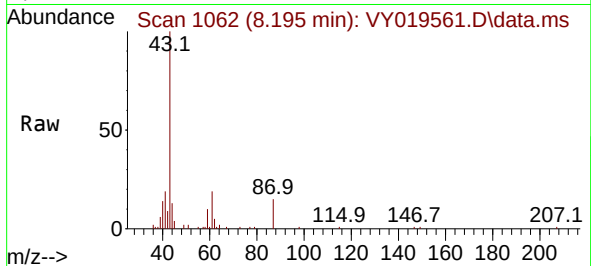
#43
Isopropyl Acetate
Concen: 3.322 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion: 43 Resp: 2028
Ion Ratio Lower Upper
43 100
61 28.0 27.9 41.9
87 14.2 13.1 19.7

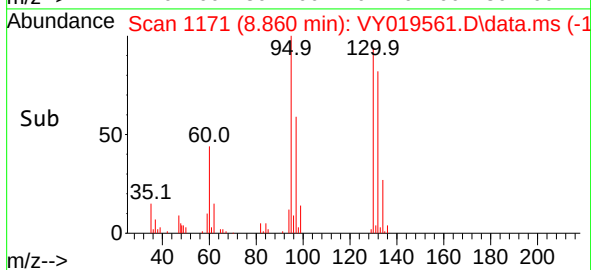
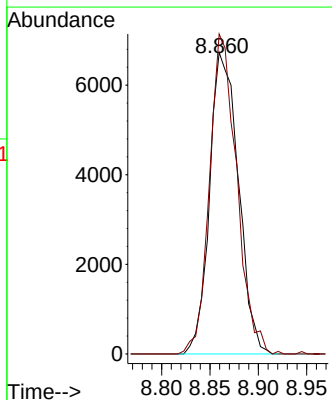
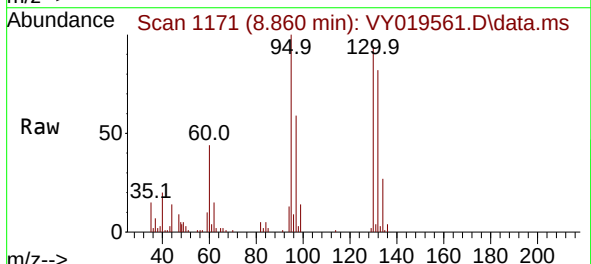
Manual Integrations
APPROVED

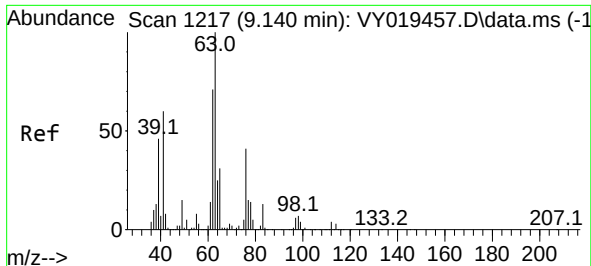
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#44
Trichloroethene
Concen: 3.094 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

Tgt Ion:130 Resp: 13905
Ion Ratio Lower Upper
130 100
95 106.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 3.524 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 63 Resp: 1505

Ion Ratio Lower Upper

63 100

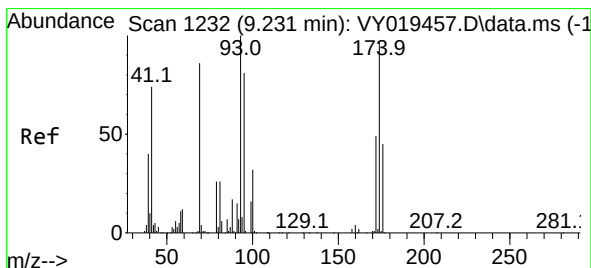
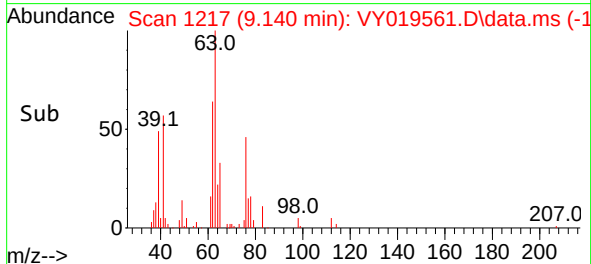
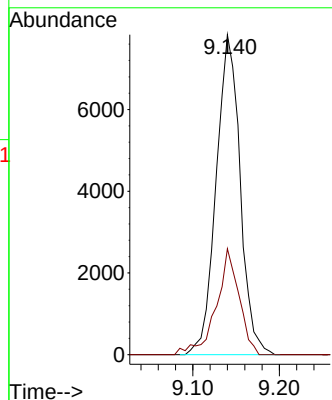
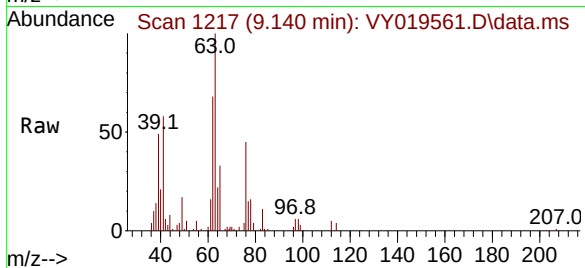
65 33.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024

Supervised By :Semsettin Yesilyurt 09/17/2024



#46

Dibromomethane

Concen: 3.357 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

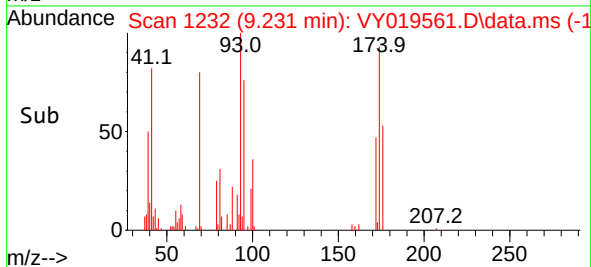
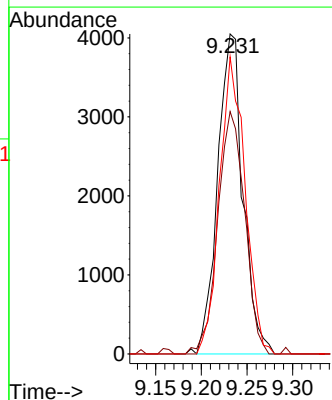
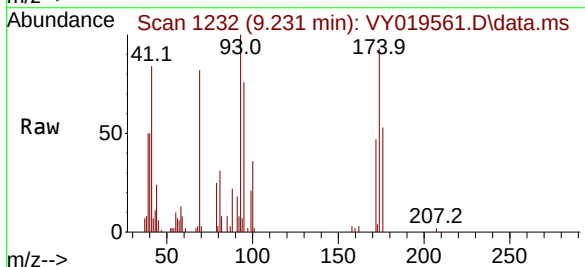
Tgt Ion: 93 Resp: 7842

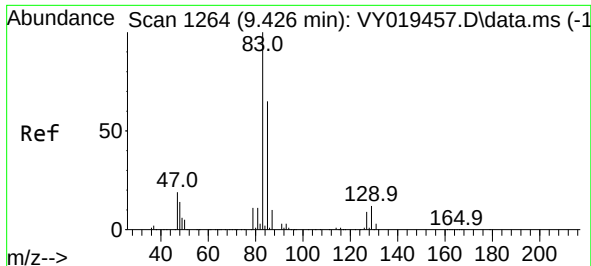
Ion Ratio Lower Upper

93 100

95 80.1 66.2 99.4

174 93.0 80.9 121.3





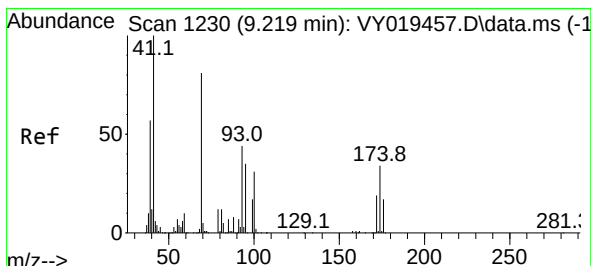
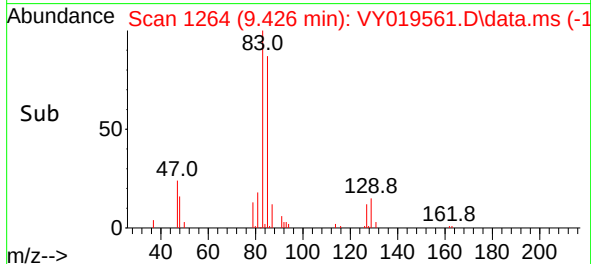
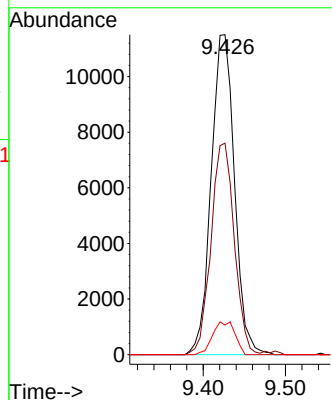
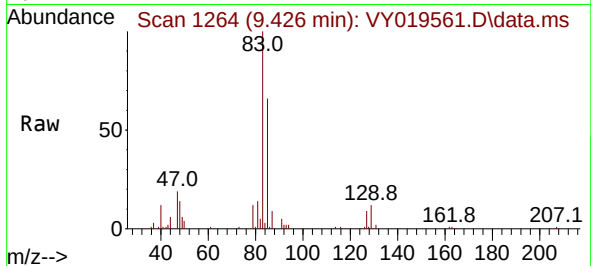
#47
Bromodichloromethane
Concen: 3.610 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion: 83 Resp: 2266
Ion Ratio Lower Upper
83 100
85 66.1 50.1 75.1
127 9.2 7.4 11.0

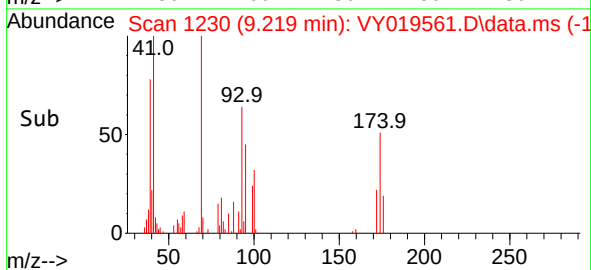
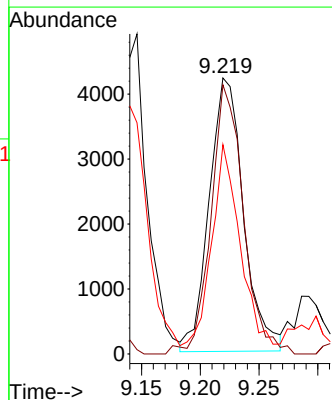
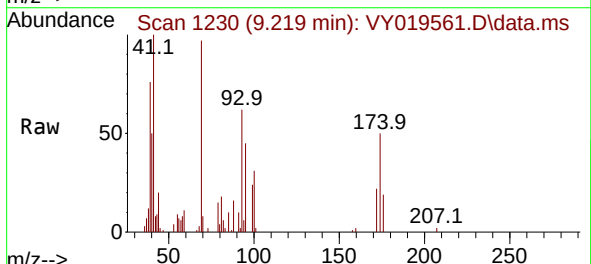
Manual Integrations
APPROVED

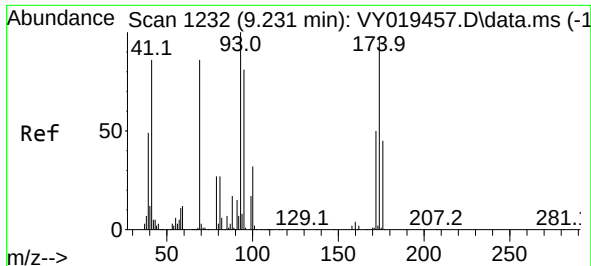
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#48
Methyl methacrylate
Concen: 2.970 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

Tgt Ion: 41 Resp: 8564
Ion Ratio Lower Upper
41 100
69 92.8 84.1 126.1
39 63.9 43.6 65.4





#49

1,4-Dioxane

Concen: 67.203 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

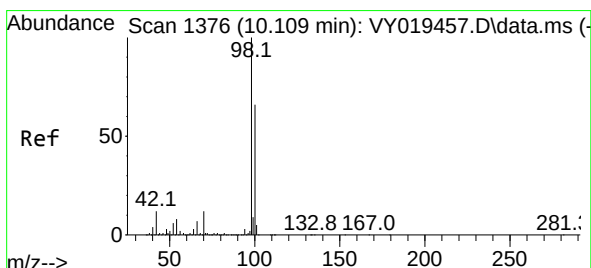
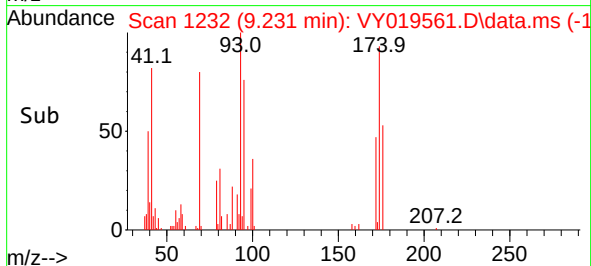
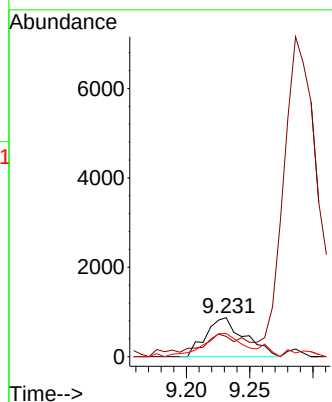
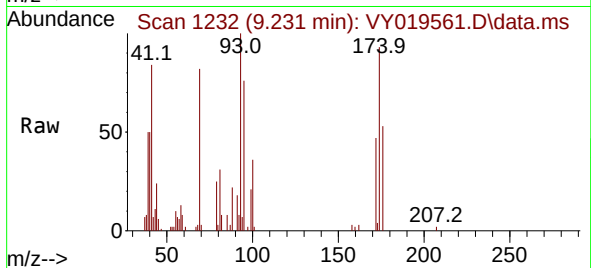
MDL-SOIL-03-QT3-2024

Tgt Ion: 88	Resp: 184
Ion Ratio	Lower Upper
88 100	
43 70.2	0.0 0.0
58 68.3	49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#50

Toluene-d8

Concen: 53.360 ug/l

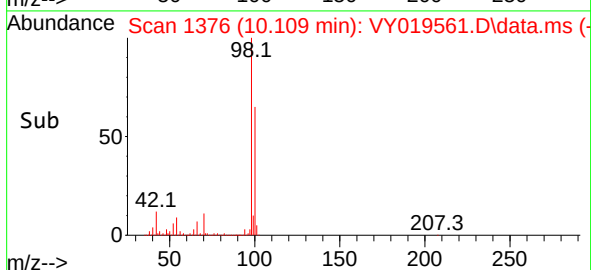
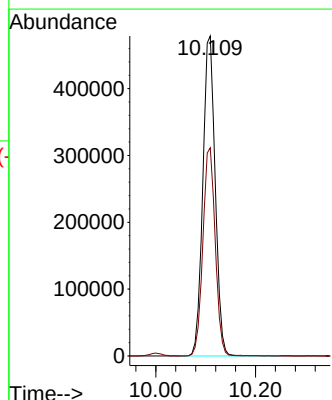
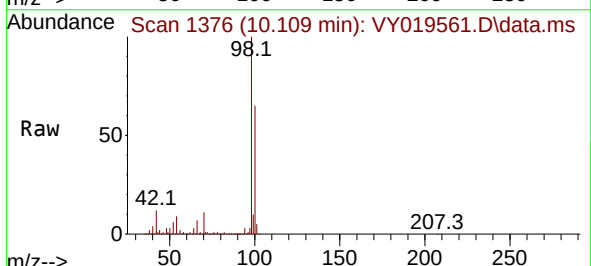
RT: 10.109 min Scan# 1376

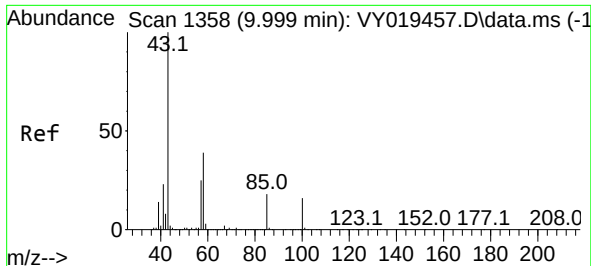
Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Tgt Ion: 98	Resp: 822807
Ion Ratio	Lower Upper
98 100	
100 65.0	52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 16.384 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 43 Resp: 5033

Ion Ratio Lower Upper

43 100

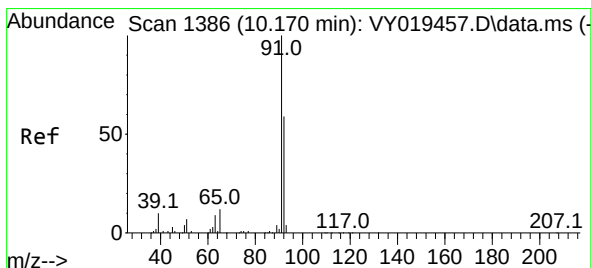
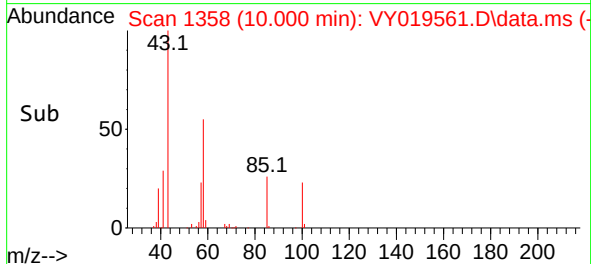
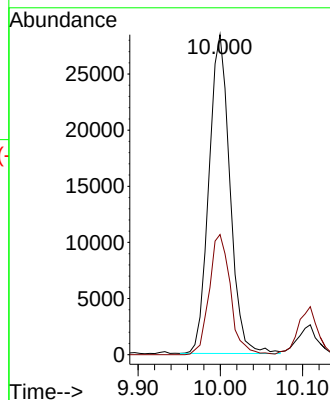
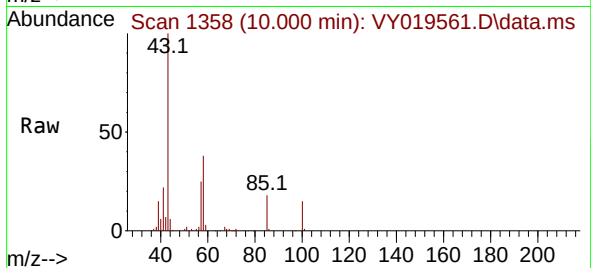
58 38.1 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024

Supervised By :Semsettin Yesilyurt 09/17/2024



#52

Toluene

Concen: 3.166 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019561.D

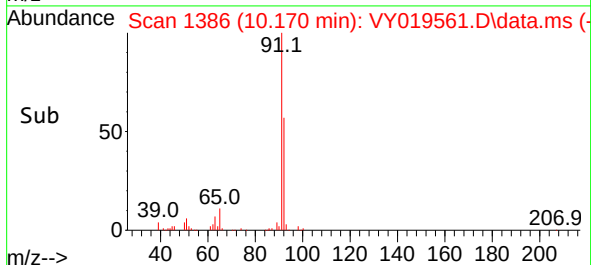
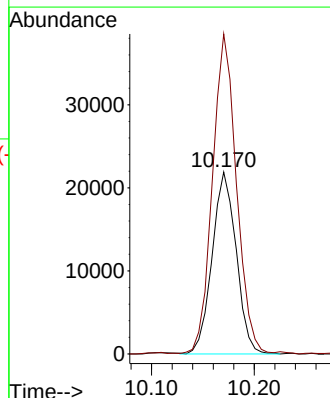
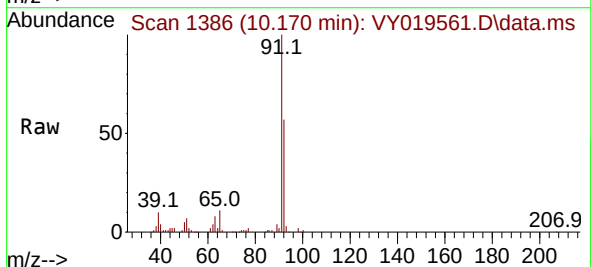
Acq: 16 Sep 2024 12:23

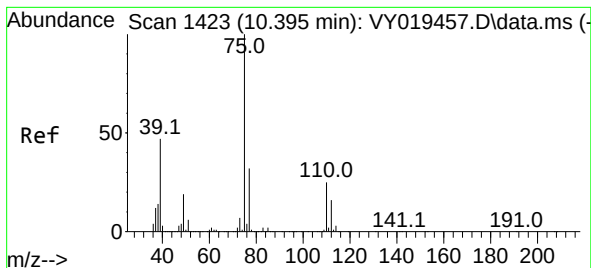
Tgt Ion: 92 Resp: 35582

Ion Ratio Lower Upper

92 100

91 174.9 139.0 208.6





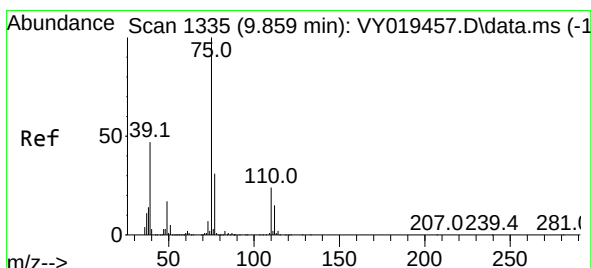
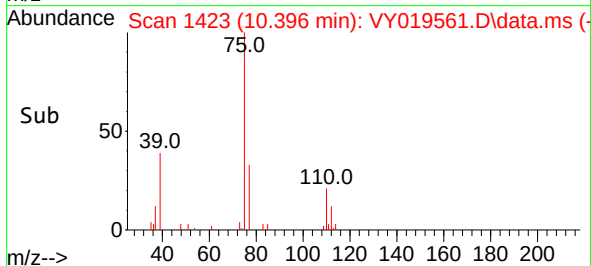
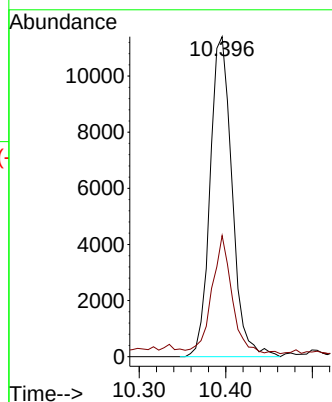
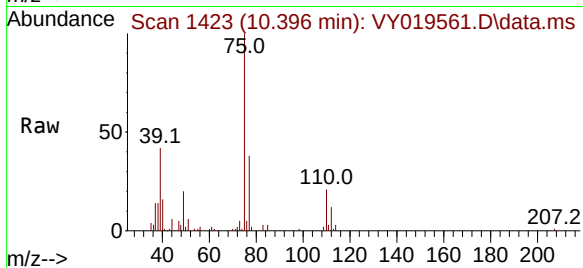
#53
t-1,3-Dichloropropene
Concen: 3.354 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion: 75 Resp: 20075
Ion Ratio Lower Upper
75 100
77 36.9 24.1 36.1

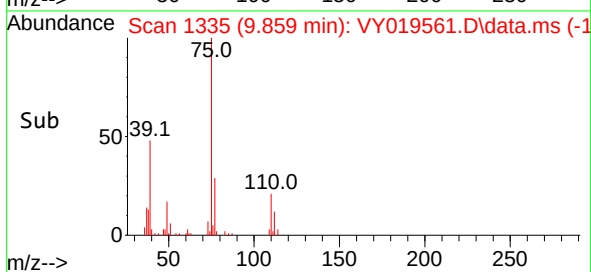
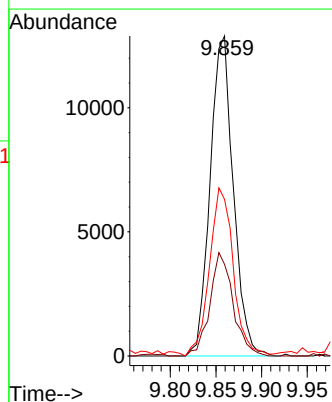
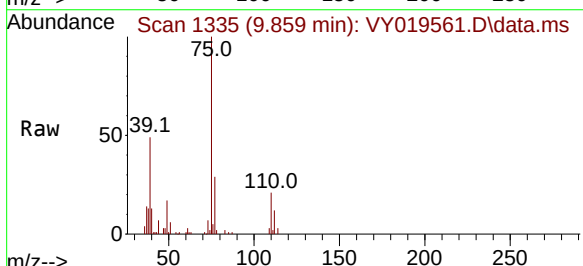
Manual Integrations
APPROVED

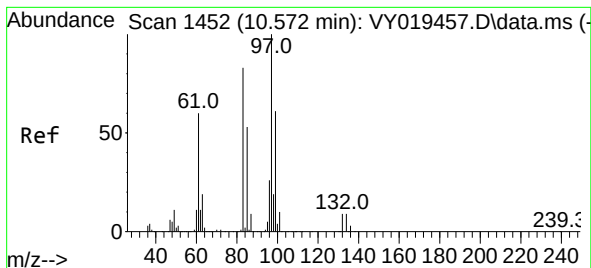
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#54
cis-1,3-Dichloropropene
Concen: 3.262 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

Tgt Ion: 75 Resp: 22733
Ion Ratio Lower Upper
75 100
77 28.6 25.4 38.0
39 48.2 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 3.668 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 97 Resp: 1183

Ion Ratio Lower Upper

97 100

83 80.8 67.5 101.3

85 52.1 42.9 64.3

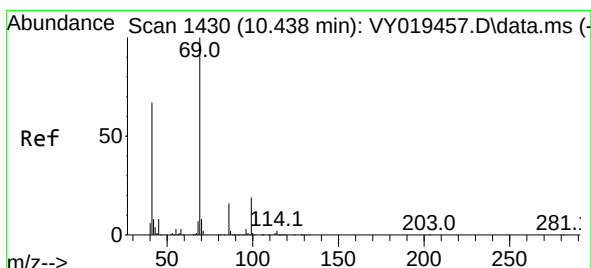
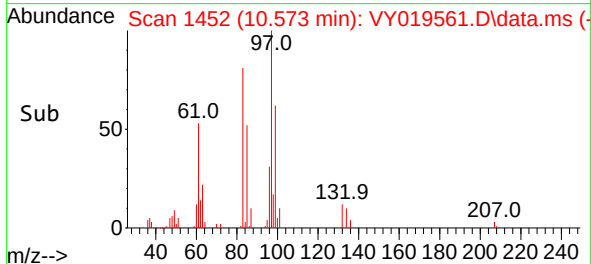
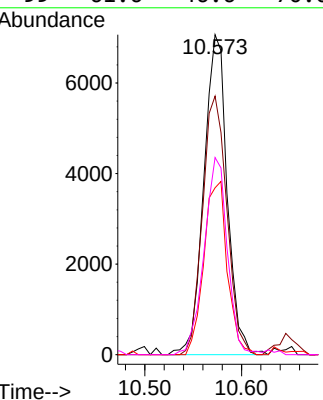
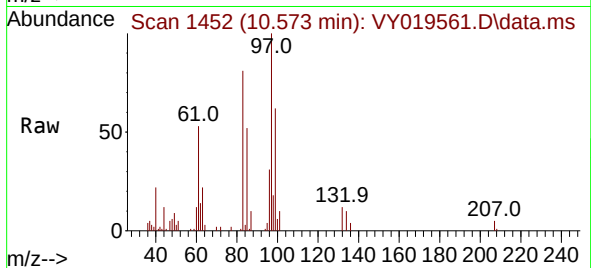
99 61.6 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024

Supervised By :Semsettin Yesilyurt 09/17/2024



#56

Ethyl methacrylate

Concen: 2.977 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

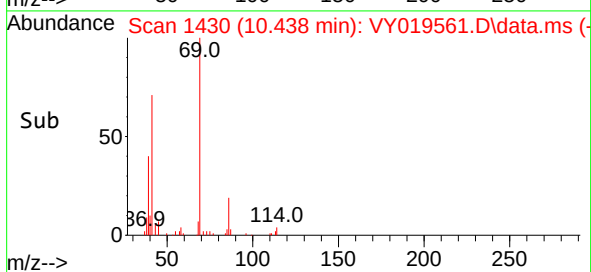
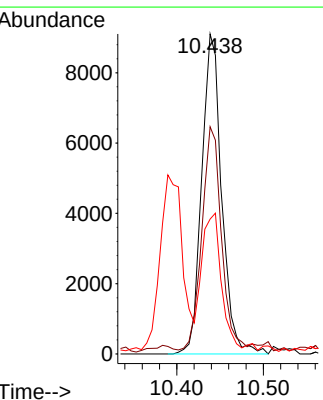
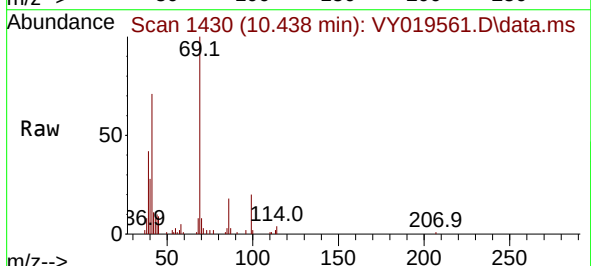
Tgt Ion: 69 Resp: 14587

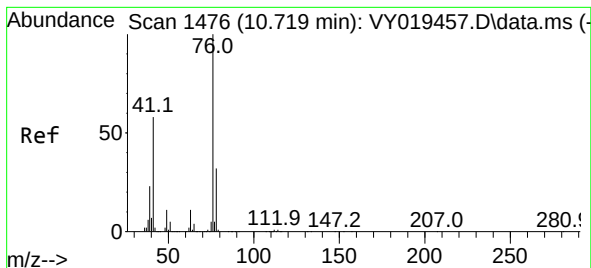
Ion Ratio Lower Upper

69 100

41 68.6 42.3 63.5#

39 40.6 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 3.466 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 76 Resp: 1921

Ion Ratio Lower Upper

76 100

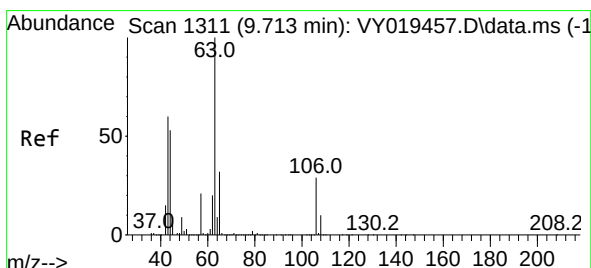
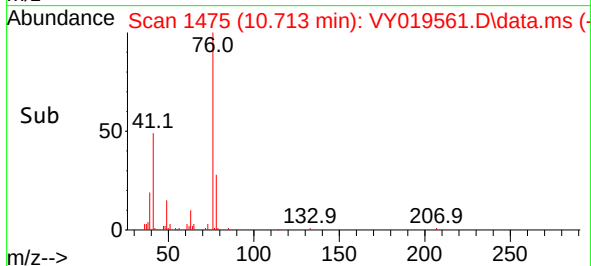
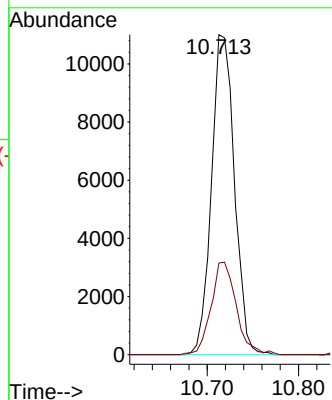
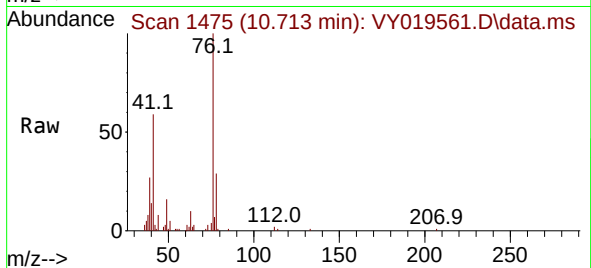
78 31.7 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024

Supervised By :Semsettin Yesilyurt 09/17/2024



#58

2-Chloroethyl Vinyl ether

Concen: 16.316 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019561.D

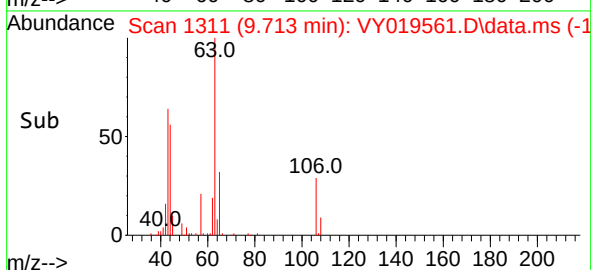
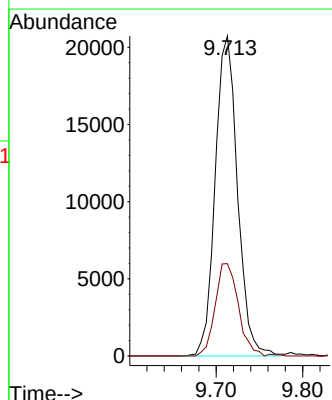
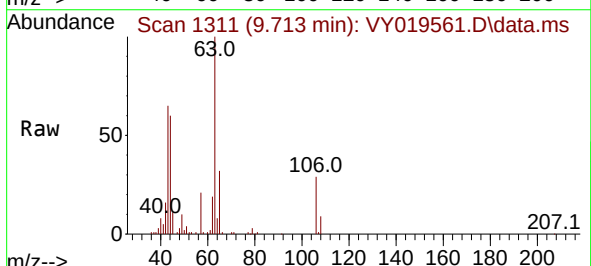
Acq: 16 Sep 2024 12:23

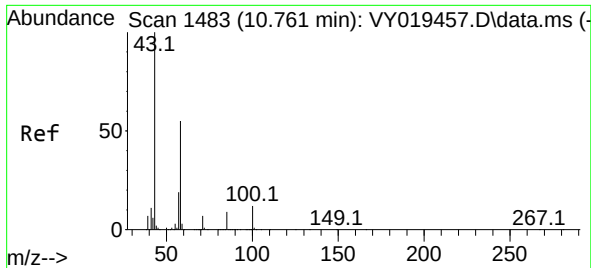
Tgt Ion: 63 Resp: 37108

Ion Ratio Lower Upper

63 100

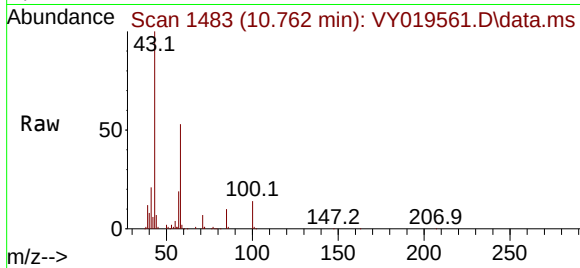
106 30.1 23.7 35.5





#59
2-Hexanone
Concen: 15.518 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

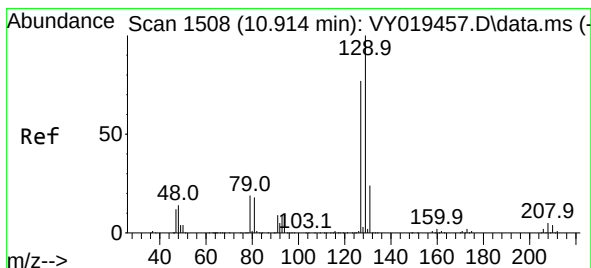
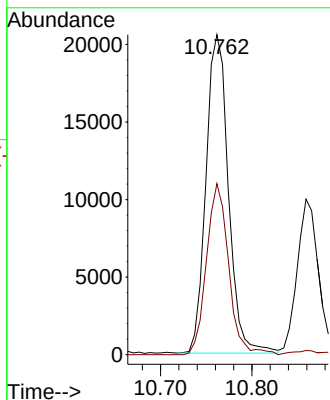
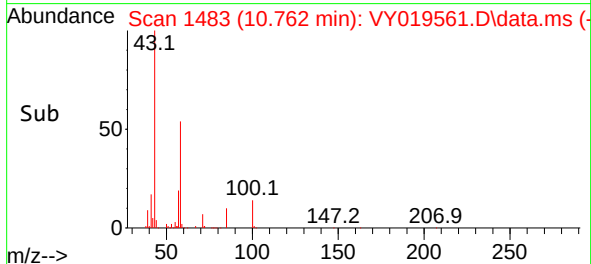
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 34950
Ion Ratio Lower Upper
43 100
58 53.0 31.4 94.0

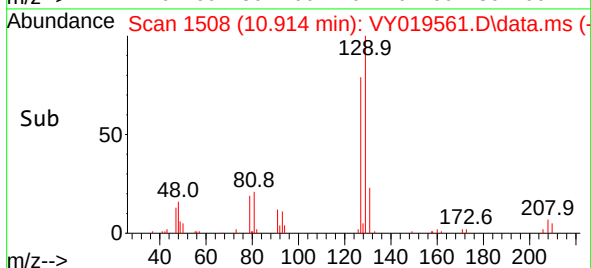
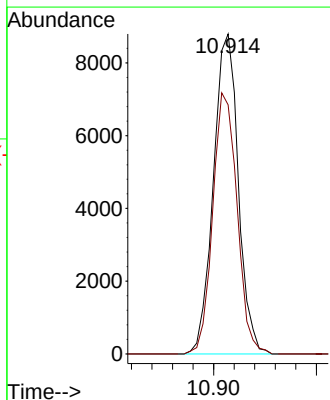
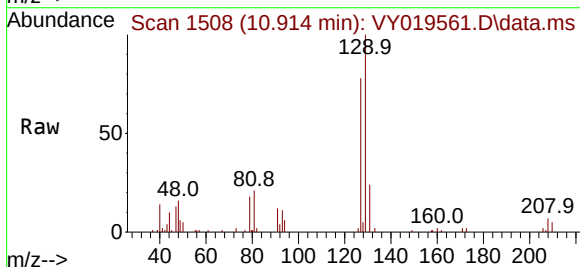
Manual Integrations
APPROVED

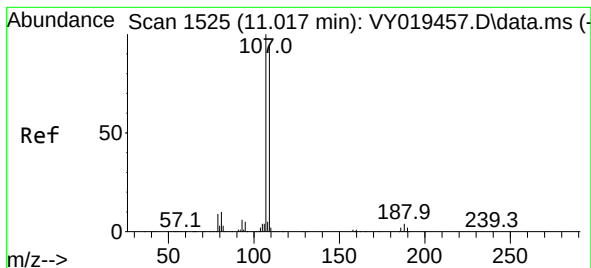
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#60
Dibromochloromethane
Concen: 3.461 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

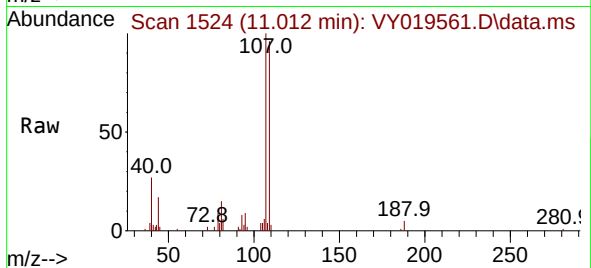
Tgt Ion:129 Resp: 14769
Ion Ratio Lower Upper
129 100
127 79.7 39.0 117.0





#61
1,2-Dibromoethane
Concen: 3.172 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

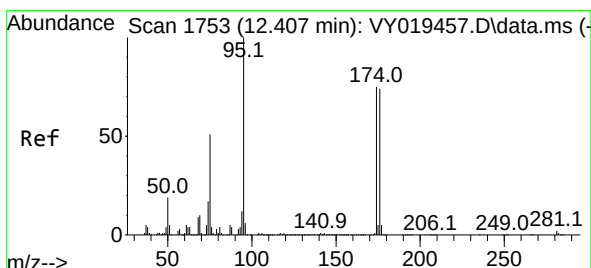
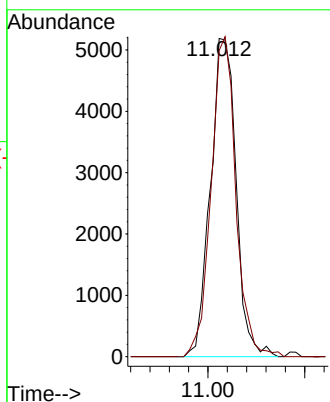
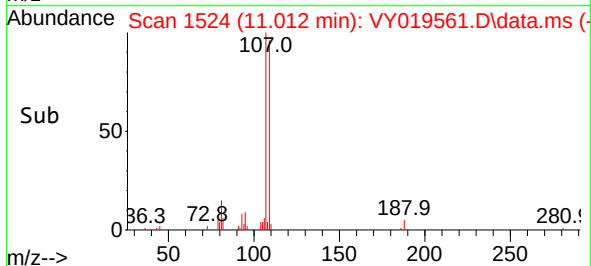
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 107 Resp: 953
Ion Ratio Lower Upper
107 100
109 97.0 75.9 113.9

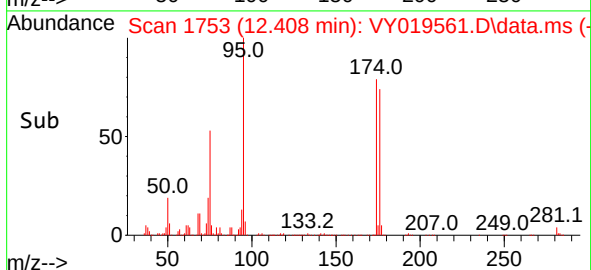
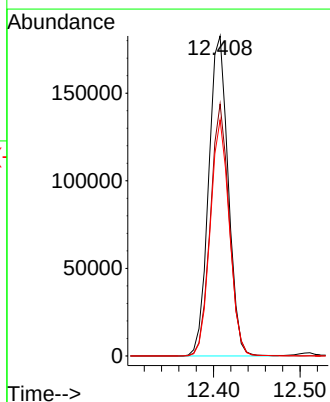
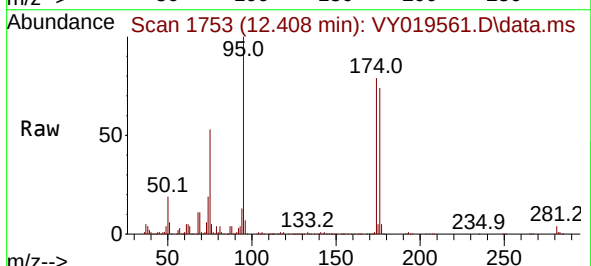
Manual Integrations
APPROVED

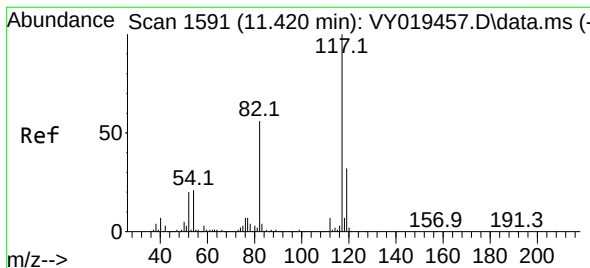
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#62
4-Bromofluorobenzene
Concen: 48.252 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

Tgt Ion: 95 Resp: 286091
Ion Ratio Lower Upper
95 100
174 75.8 0.0 175.6
176 72.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

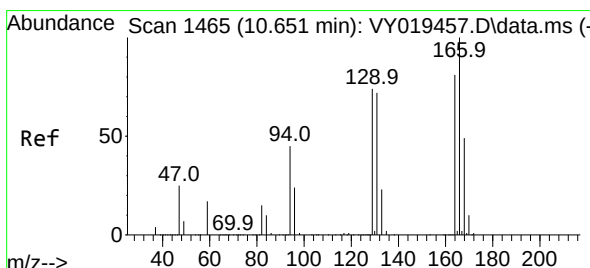
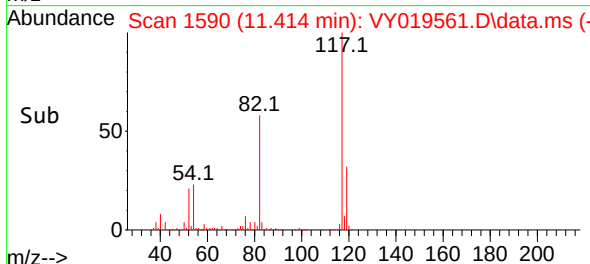
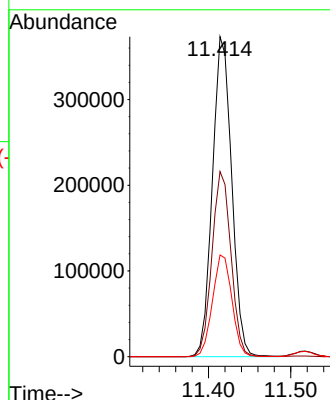
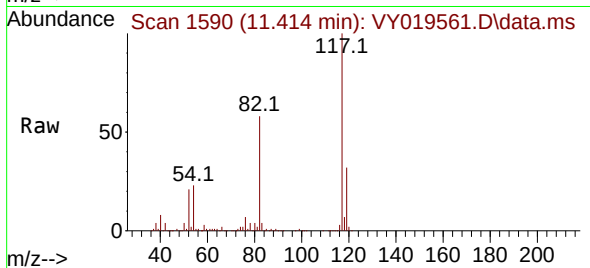
MDL-SOIL-03-QT3-2024

Tgt Ion:	117	Resp:	60896
Ion Ratio	Lower	Upper	
117	100		
82	57.9	42.4	63.6
119	31.8	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#64

Tetrachloroethene

Concen: 3.234 ug/l

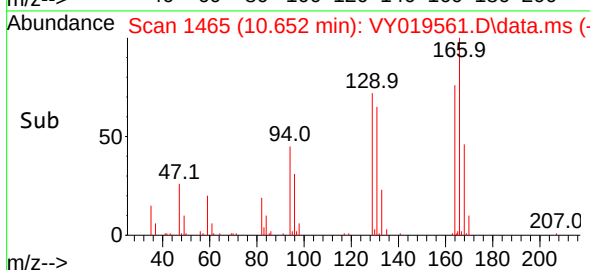
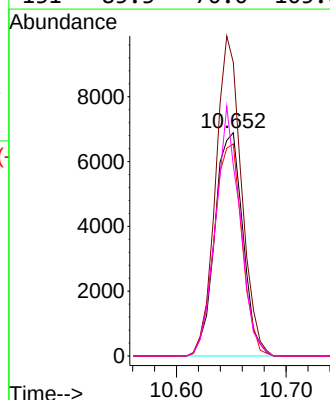
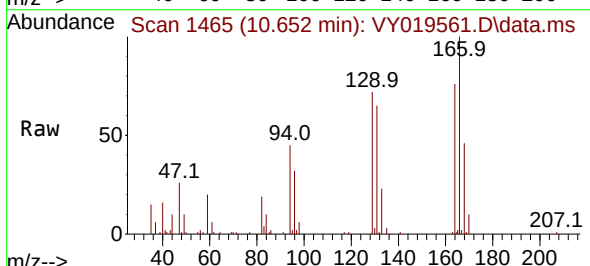
RT: 10.652 min Scan# 1465

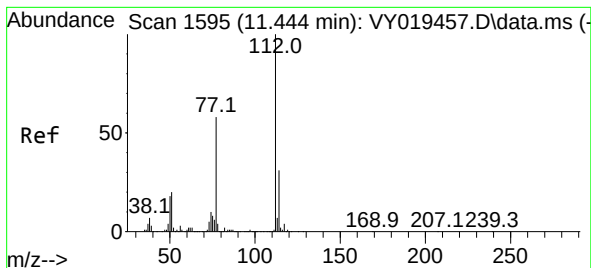
Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Tgt Ion:	164	Resp:	12197
Ion Ratio	Lower	Upper	
164	100		
166	131.4	102.6	154.0
129	95.0	72.0	108.0
131	85.3	70.0	105.0





#65

Chlorobenzene

Concen: 3.498 ug/l

RT: 11.438 min Scan# 111

Delta R.T. -0.006 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:112 Resp: 41904

Ion Ratio Lower Upper

112 100

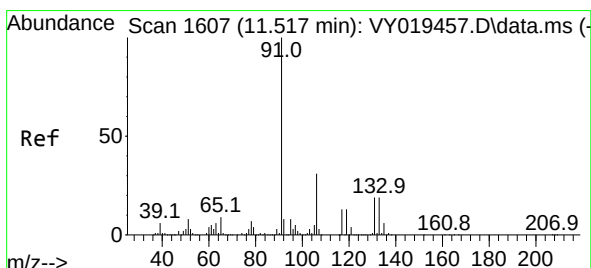
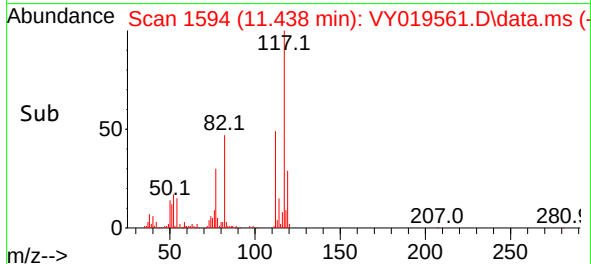
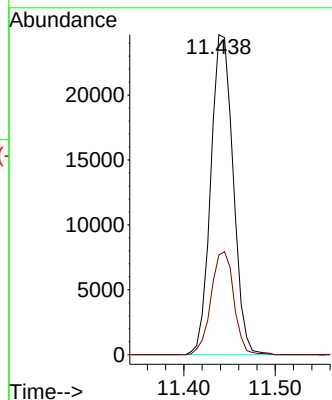
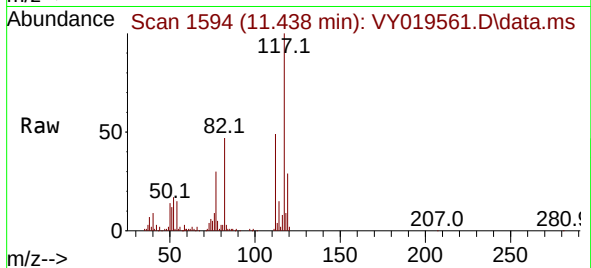
114 31.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024

Supervised By :Semsettin Yesilyurt 09/17/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 3.648 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

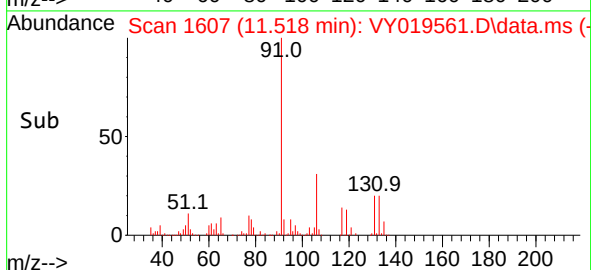
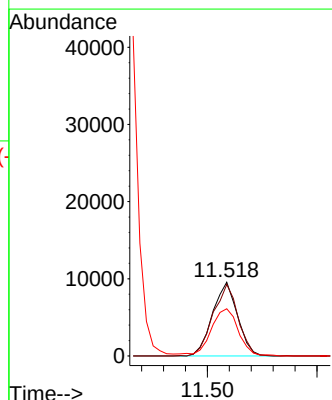
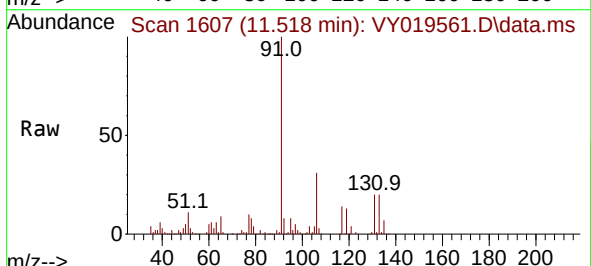
Tgt Ion:131 Resp: 15128

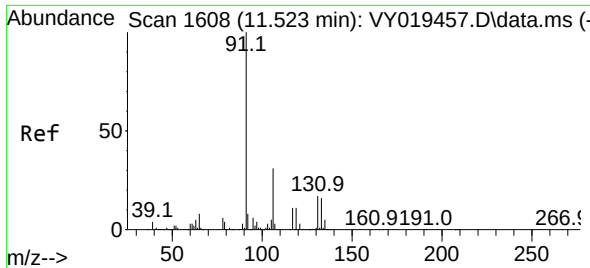
Ion Ratio Lower Upper

131 100

133 97.7 47.8 143.3

119 69.9 34.1 102.2





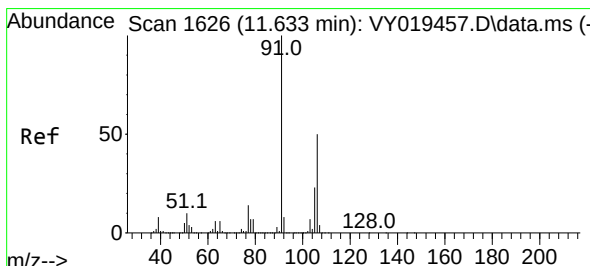
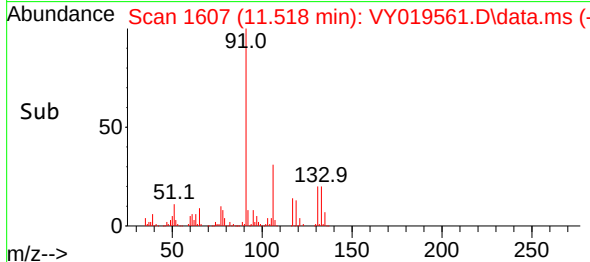
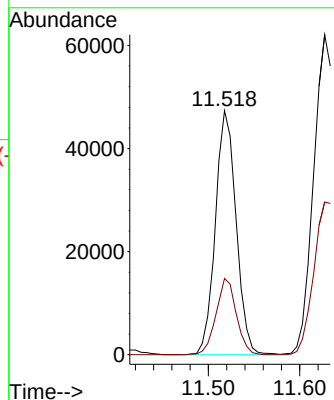
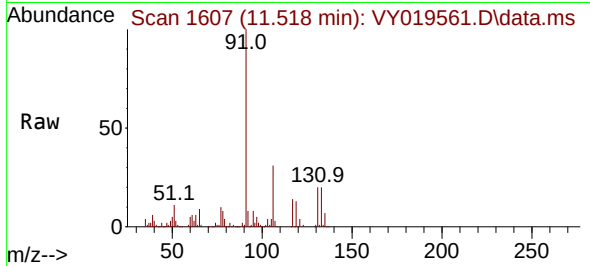
#67
Ethyl Benzene
Concen: 3.509 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 91 Resp: 7468
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7

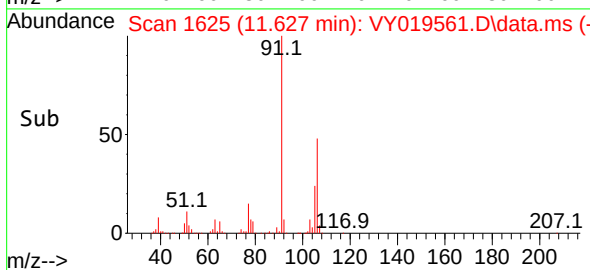
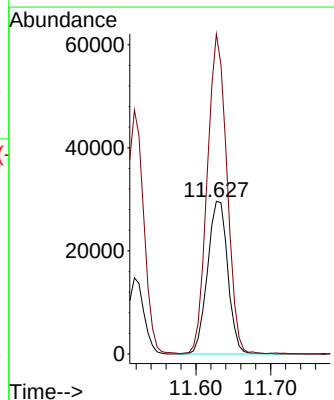
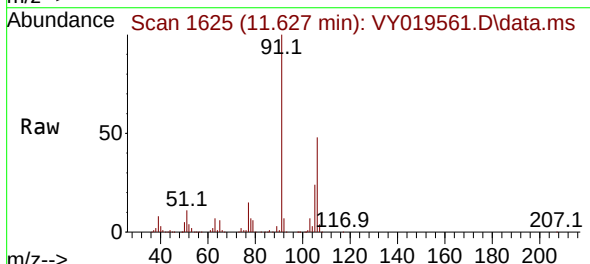
Manual Integrations
APPROVED

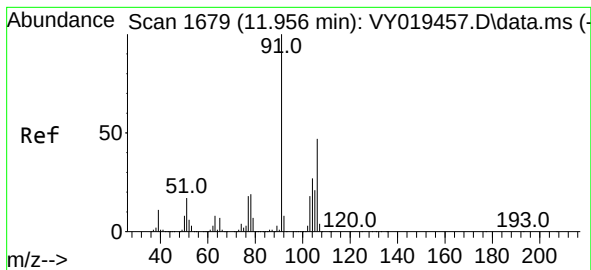
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#68
m/p-Xylenes
Concen: 6.945 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

Tgt Ion:106 Resp: 55890
Ion Ratio Lower Upper
106 100
91 202.4 156.0 234.0





#69

o-Xylene

Concen: 3.444 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:106 Resp: 27108

Ion Ratio Lower Upper

106 100

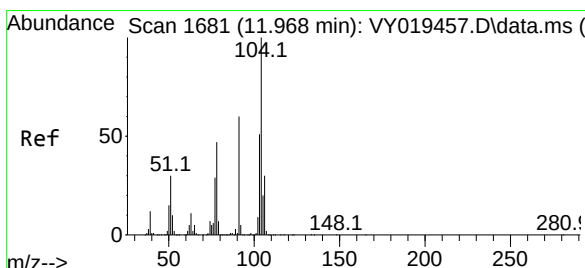
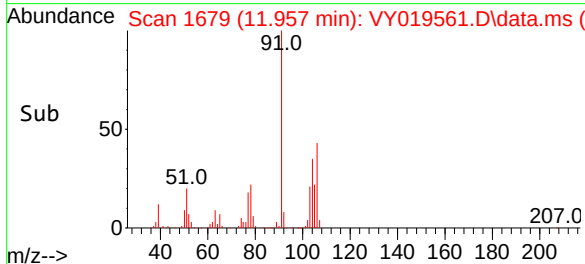
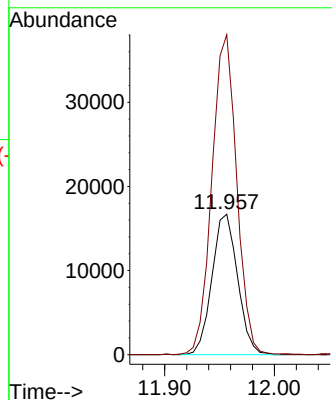
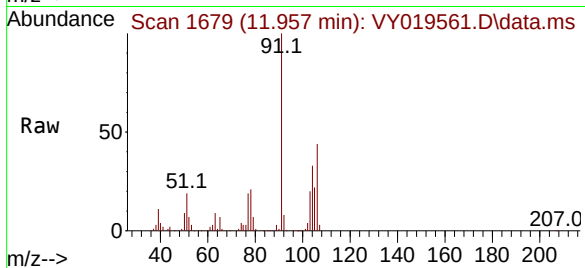
91 221.1 103.6 310.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024

Supervised By :Semsettin Yesilyurt 09/17/2024



#70

Styrene

Concen: 3.435 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

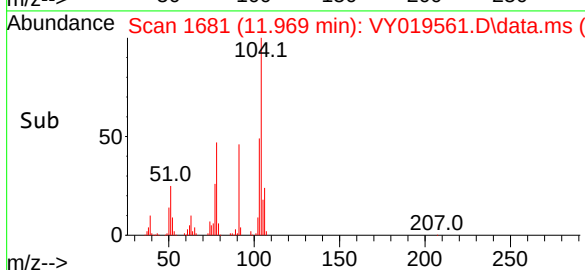
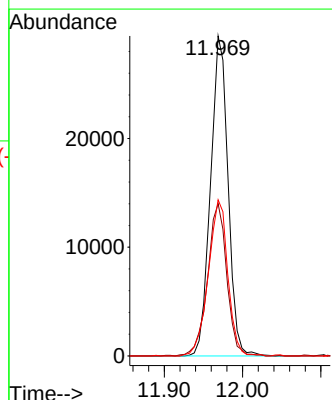
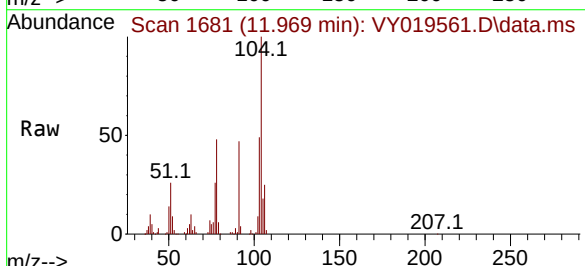
Tgt Ion:104 Resp: 45650

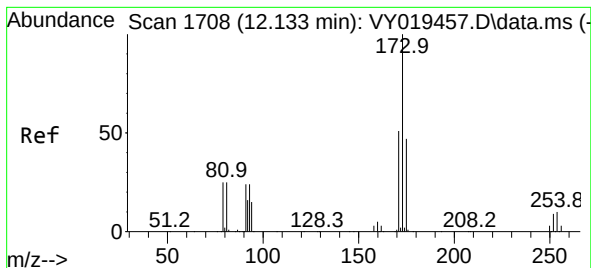
Ion Ratio Lower Upper

104 100

78 52.3 37.0 55.4

103 54.2 44.2 66.2





#71

Bromoform

Concen: 3.406 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

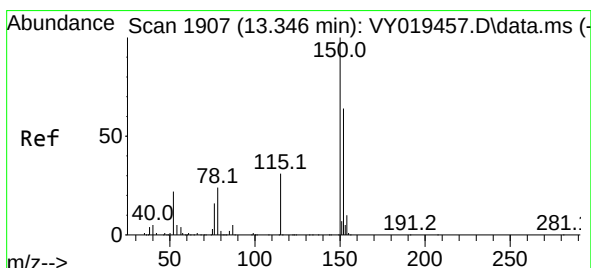
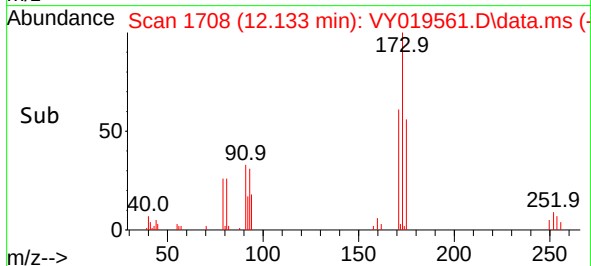
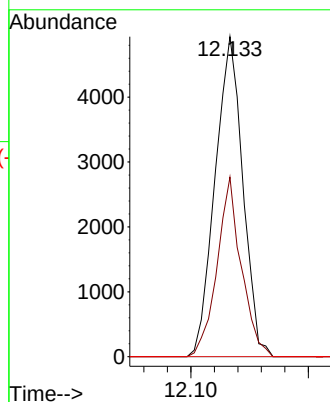
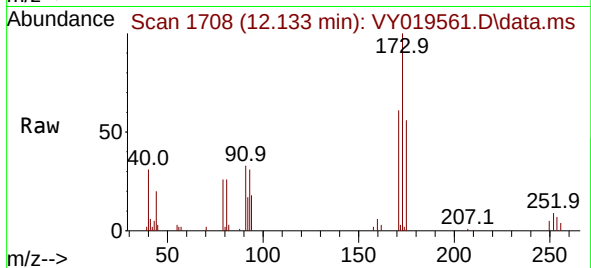
MDL-SOIL-03-QT3-2024

Tgt Ion:	173	Resp:	8069
Ion Ratio	Lower	Upper	
173	100		
175	49.2	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

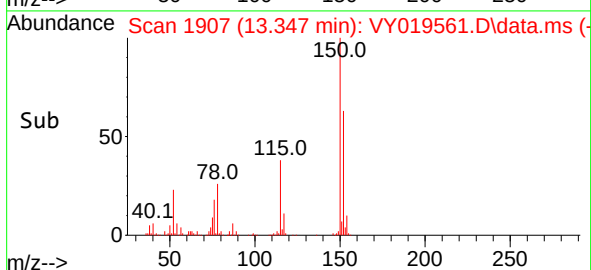
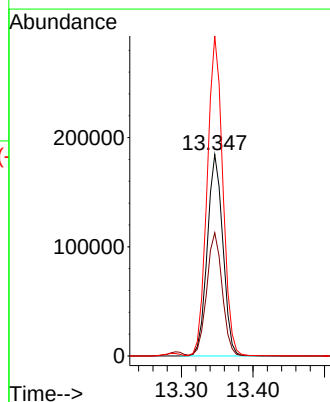
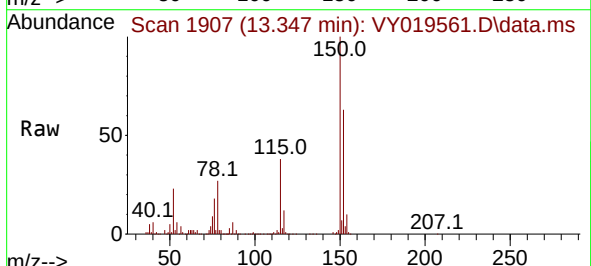
RT: 13.347 min Scan# 1907

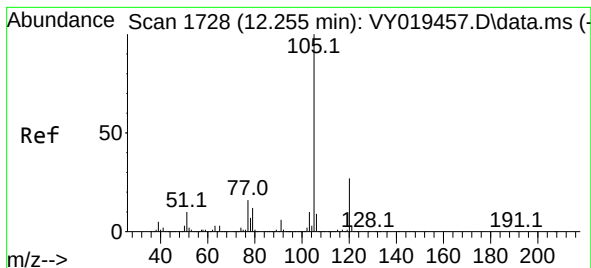
Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Tgt Ion:	152	Resp:	278575
Ion Ratio	Lower	Upper	
152	100		
115	61.2	28.2	84.7
150	159.2	0.0	345.6





#73

Isopropylbenzene

Concen: 3.744 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

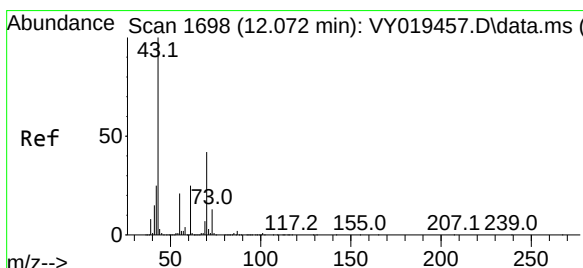
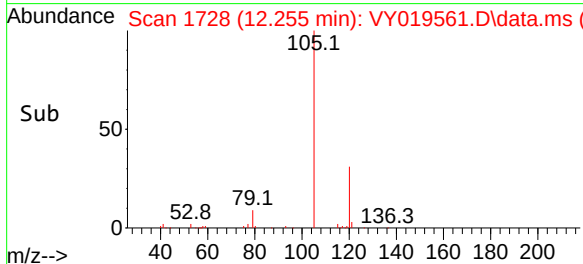
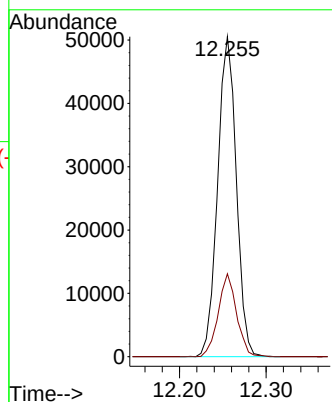
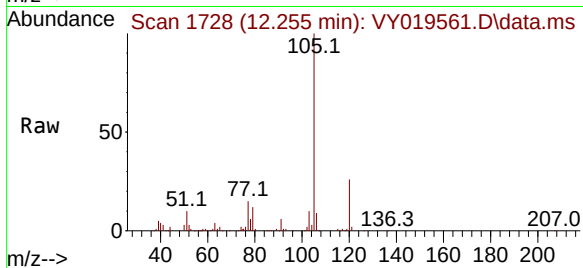
MDL-SOIL-03-QT3-2024

Tgt Ion:105 Resp: 7567
 Ion Ratio Lower Upper
 105 100
 120 25.4 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
 Supervised By :Semsettin Yesilyurt 09/17/2024



#74

N-ethyl acetate

Concen: 3.284 ug/l

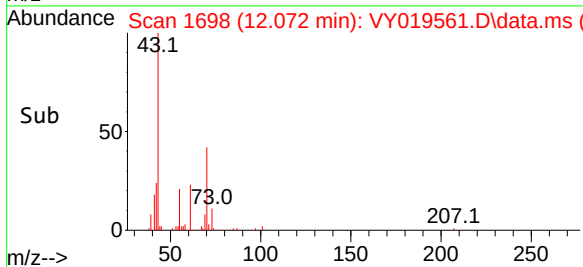
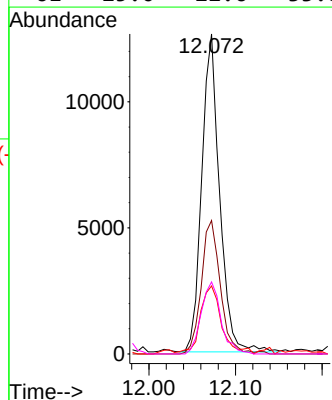
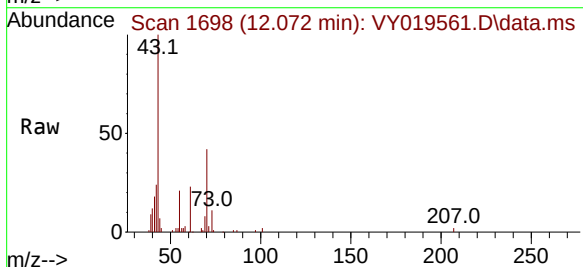
RT: 12.072 min Scan# 1698

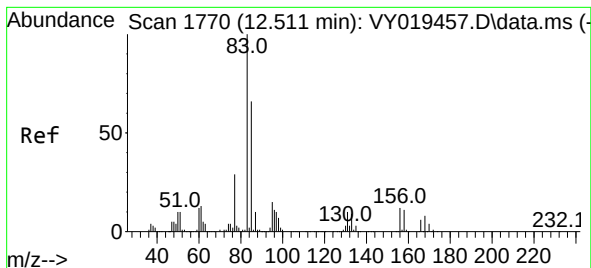
Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

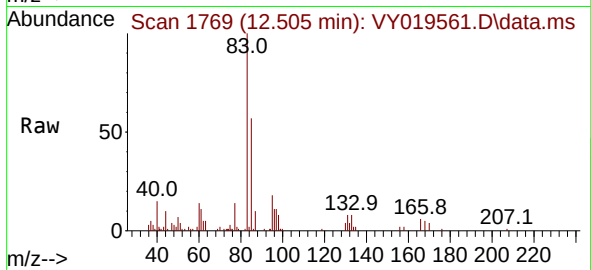
Tgt Ion: 43 Resp: 18050
 Ion Ratio Lower Upper
 43 100
 70 45.1 41.4 62.2
 55 25.2 23.3 34.9
 61 25.0 22.6 33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 3.720 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

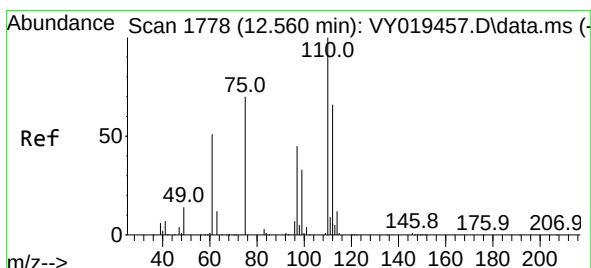
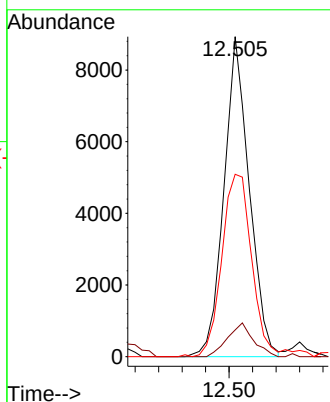
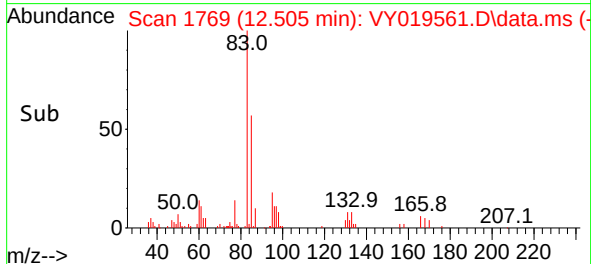
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



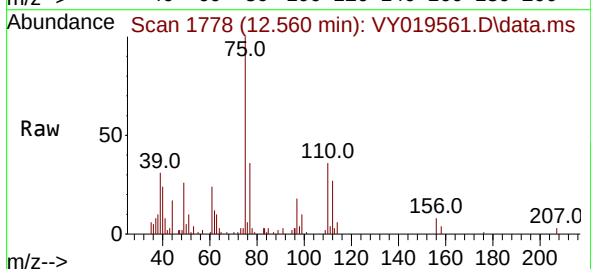
Tgt Ion: 83 Resp: 1334
Ion Ratio Lower Upper
83 100
131 10.8 5.0 14.9
85 68.5 32.0 96.0

Manual Integrations
APPROVED

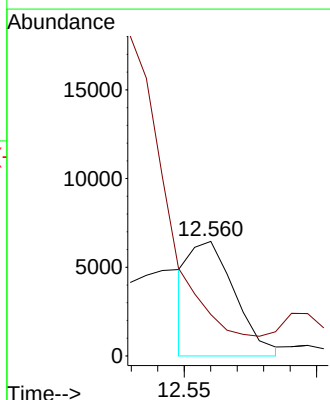
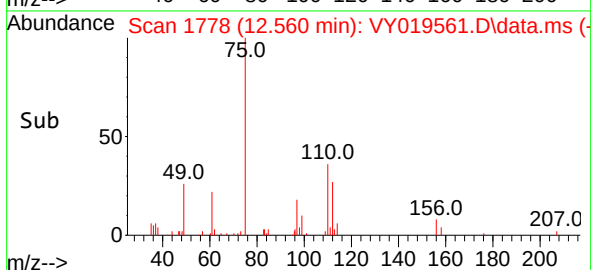
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

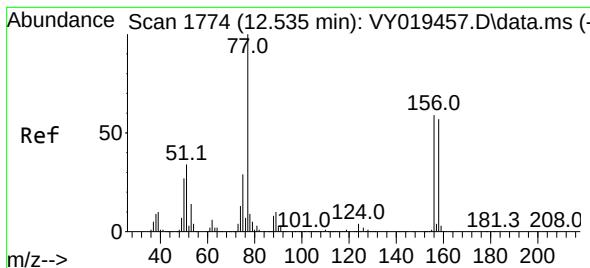


#76
1,2,3-Trichloropropane
Concen: 2.949 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23



Tgt Ion: 75 Resp: 7700
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 3.498 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

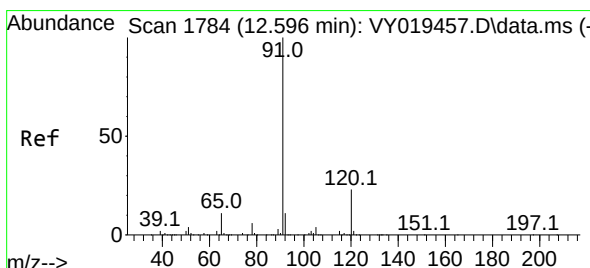
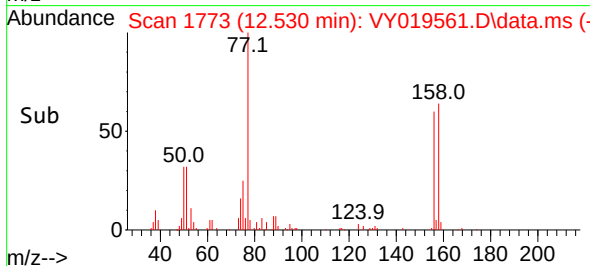
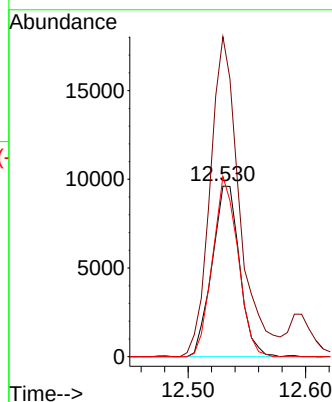
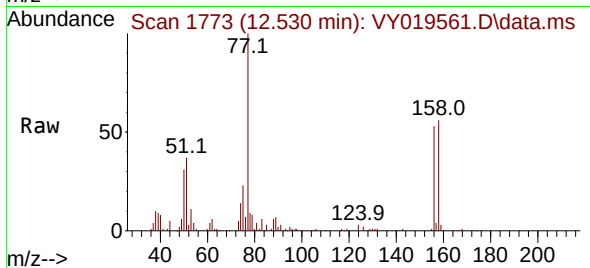
MDL-SOIL-03-QT3-2024

Tgt Ion:	156	Resp:	1568
Ion Ratio	Lower	Upper	
156	100		
77	201.1	87.1	261.3
158	97.6	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#78

n-propylbenzene

Concen: 3.707 ug/l

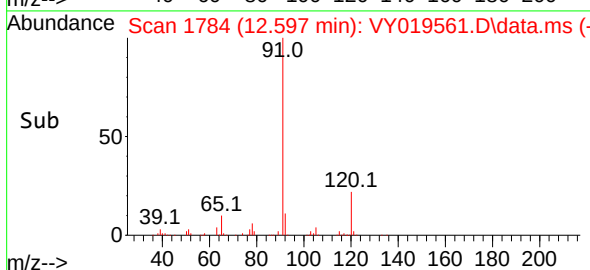
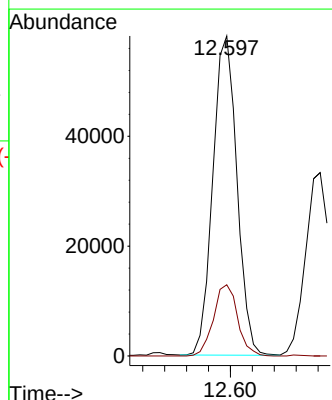
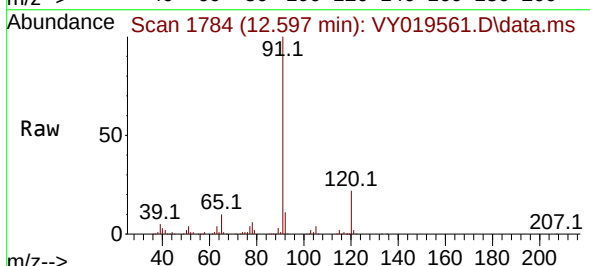
RT: 12.597 min Scan# 1784

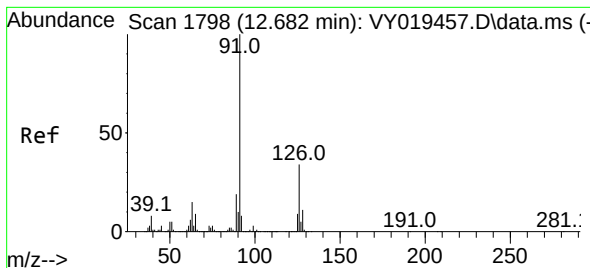
Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

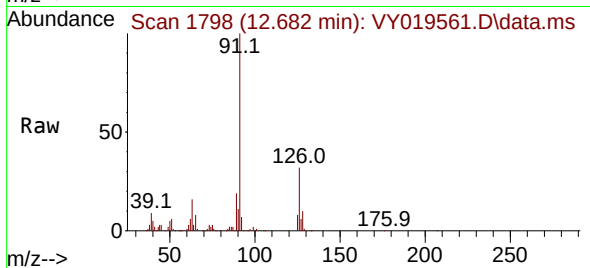
Tgt Ion:	91	Resp:	88799
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 3.718 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

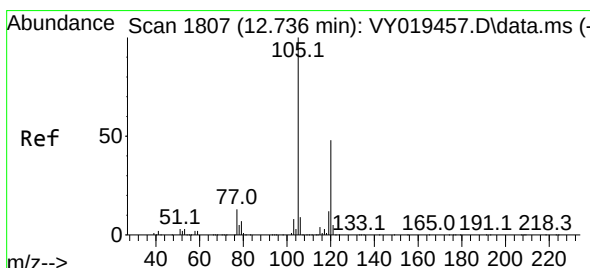
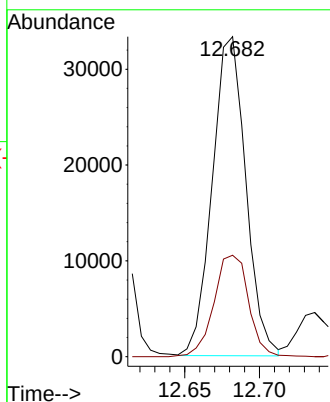
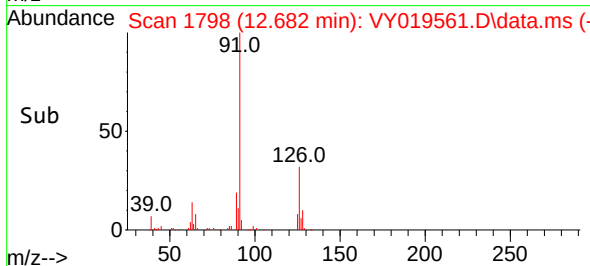
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



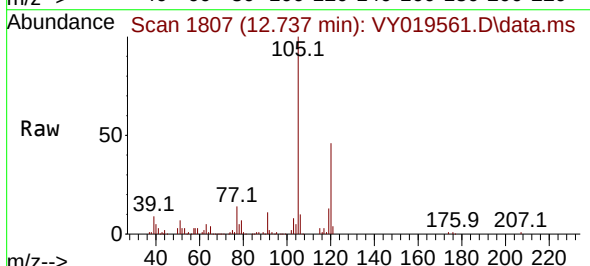
Tgt Ion: 91 Resp: 51904
Ion Ratio Lower Upper
91 100
126 32.9 17.8 53.5

Manual Integrations
APPROVED

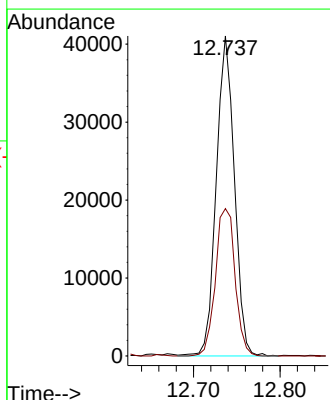
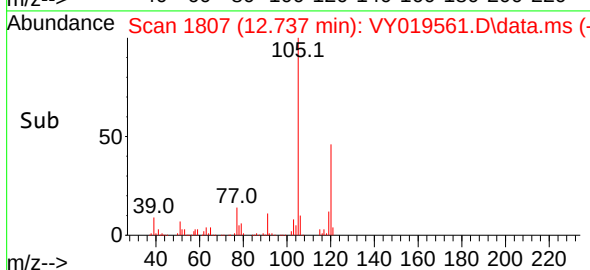
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

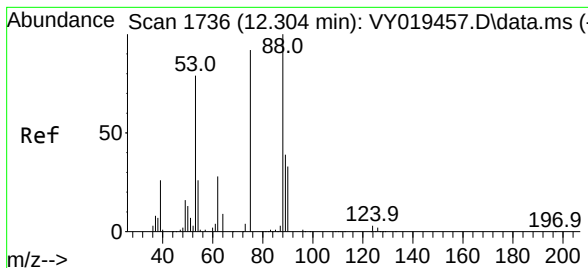


#80
1,3,5-Trimethylbenzene
Concen: 3.623 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23



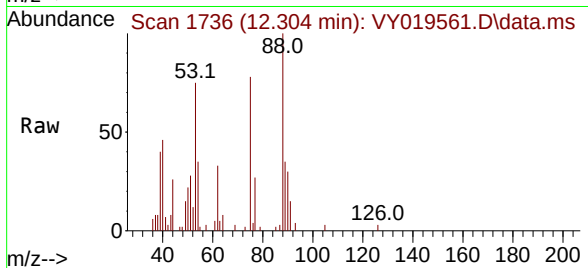
Tgt Ion:105 Resp: 59526
Ion Ratio Lower Upper
105 100
120 50.1 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 3.000 ug/l m
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

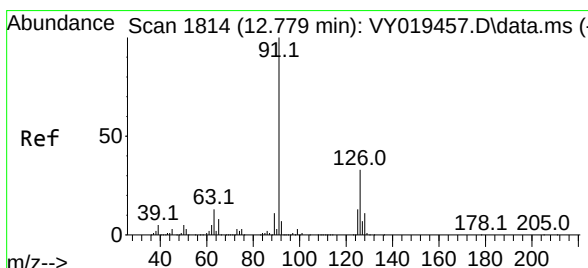
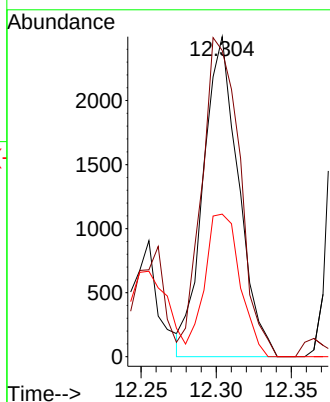
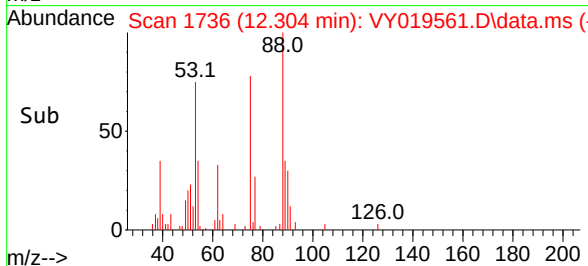
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 75 Resp: 408
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2
89 4.3 35.8 53.6

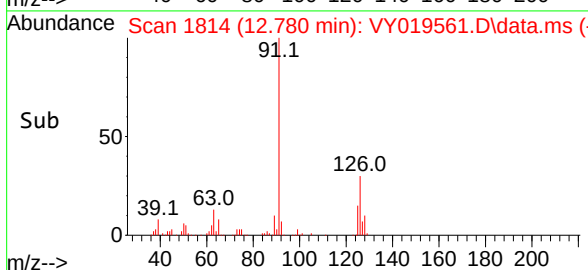
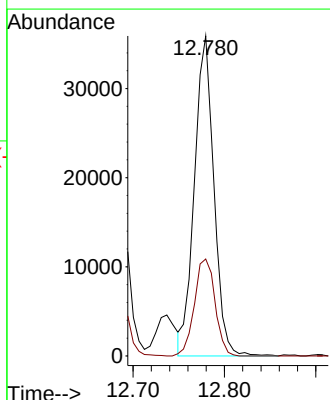
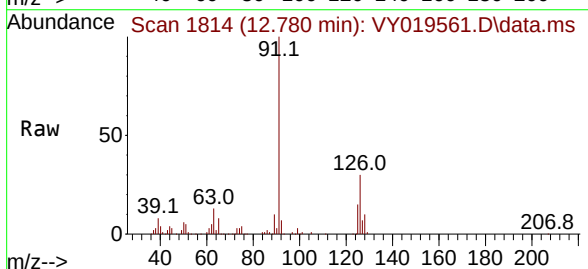
Manual Integrations
APPROVED

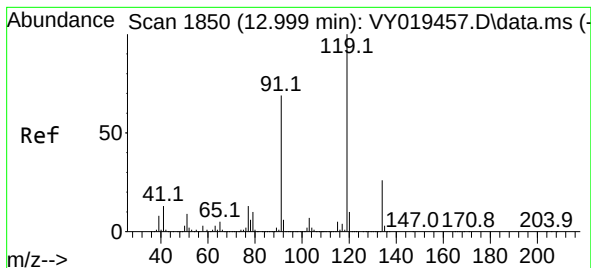
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#82
4-Chlorotoluene
Concen: 3.708 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019561.D
Acq: 16 Sep 2024 12:23

Tgt Ion: 91 Resp: 53218
Ion Ratio Lower Upper
91 100
126 32.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 3.896 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

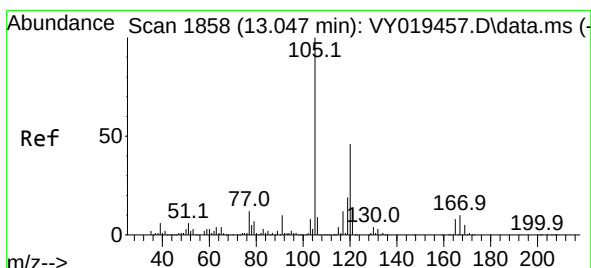
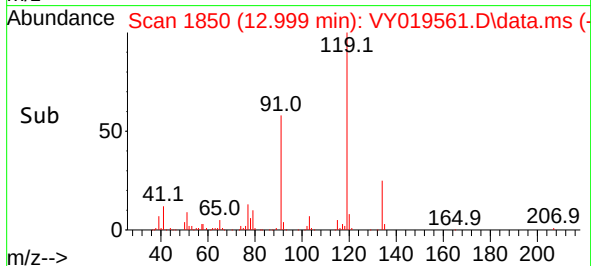
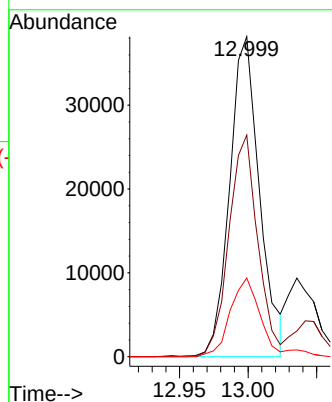
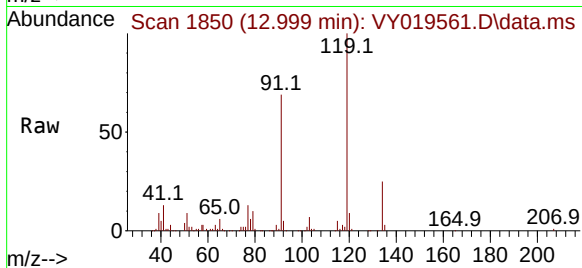
MDL-SOIL-03-QT3-2024

Tgt Ion:	119	Resp:	57944
Ion Ratio	Lower	Upper	
119	100		
91	66.6	31.3	93.8
134	25.7	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#84

1,2,4-Trimethylbenzene

Concen: 3.694 ug/l

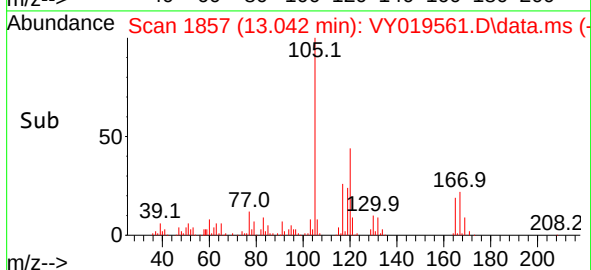
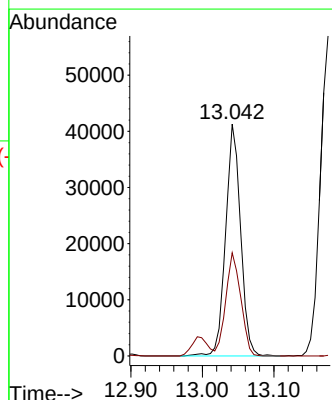
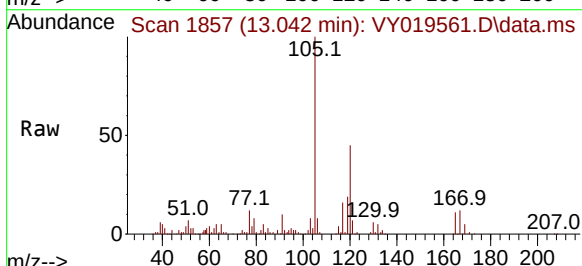
RT: 13.042 min Scan# 1857

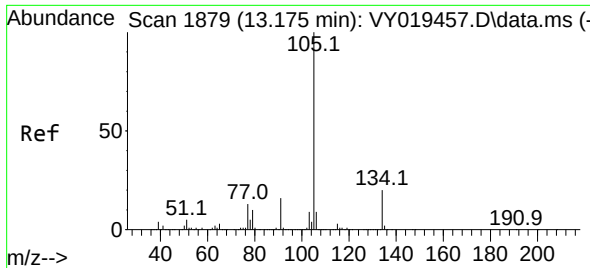
Delta R.T. -0.006 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

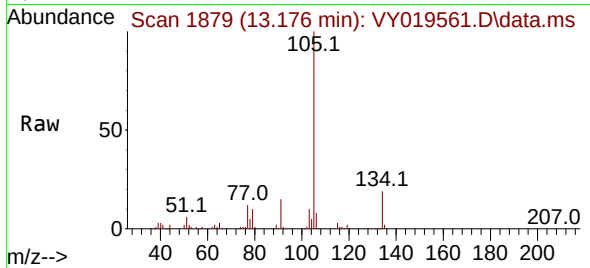
Tgt Ion:	105	Resp:	60083
Ion Ratio	Lower	Upper	
105	100		
120	44.4	23.2	69.6





#85
 sec-Butylbenzene
 Concen: 3.794 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY019561.D
 Acq: 16 Sep 2024 12:23

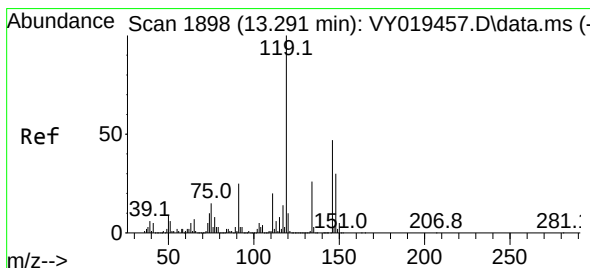
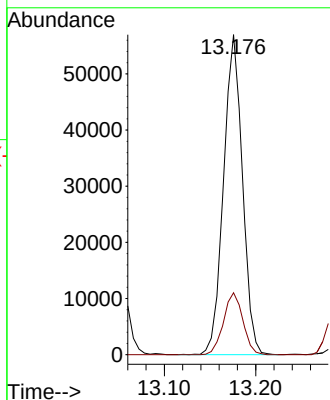
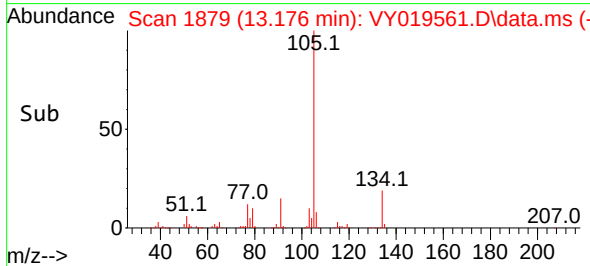
Instrument : MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2024



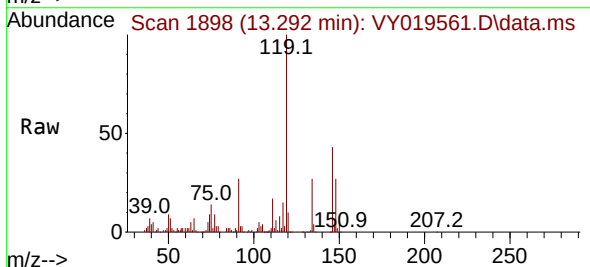
Tgt Ion:105 Resp: 81972
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1

Manual Integrations
 APPROVED

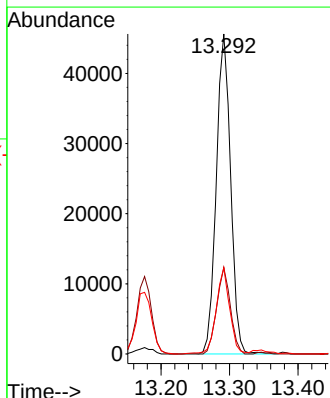
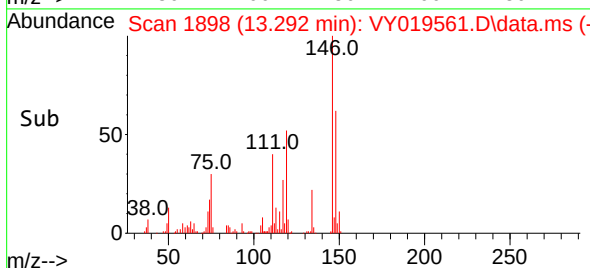
Reviewed By :Mahesh Dadoda 09/17/2024
 Supervised By :Semsettin Yesilyurt 09/17/2024

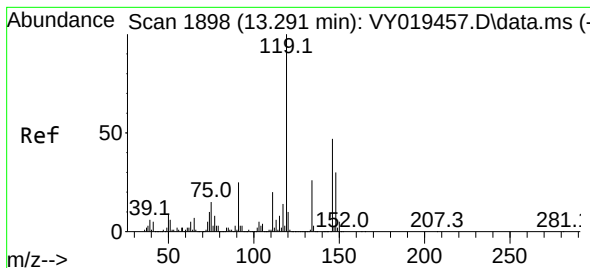


#86
 p-Isopropyltoluene
 Concen: 3.743 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019561.D
 Acq: 16 Sep 2024 12:23



Tgt Ion:119 Resp: 66162
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 25.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 3.728 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019561.D

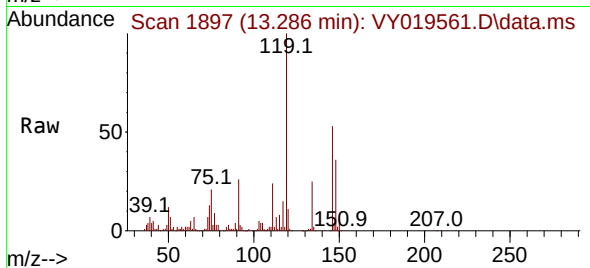
Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

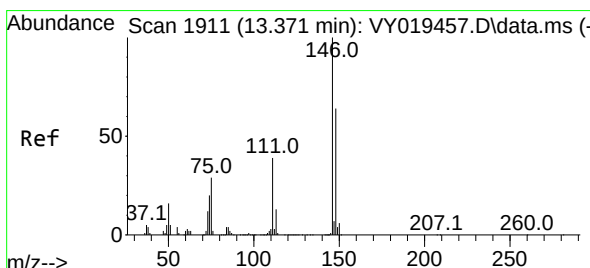
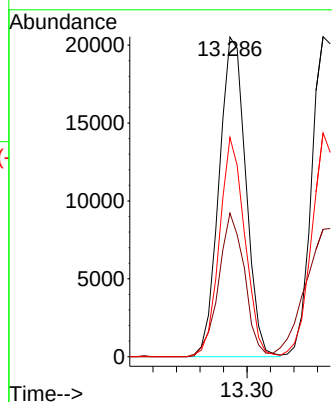
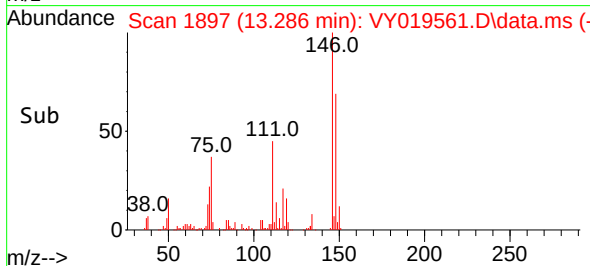


Tgt Ion:	146	Resp:	3247
Ion Ratio	Lower	Upper	
146	100		
111	43.2	19.0	57.0
148	65.0	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#88

1,4-Dichlorobenzene

Concen: 3.848 ug/l

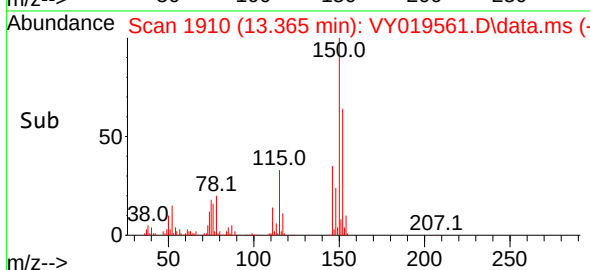
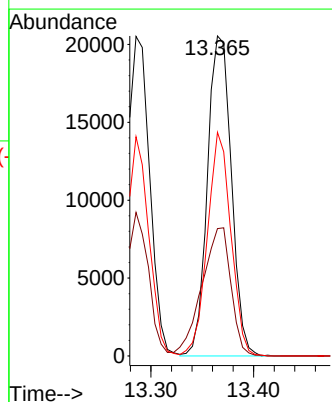
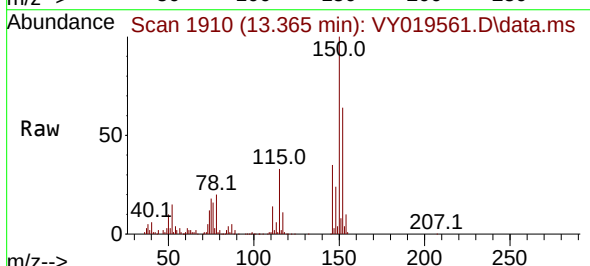
RT: 13.365 min Scan# 1910

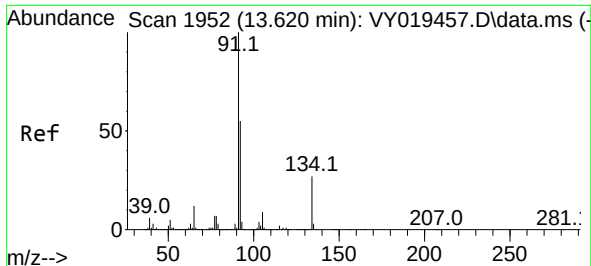
Delta R.T. -0.006 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Tgt Ion:	146	Resp:	33257
Ion Ratio	Lower	Upper	
146	100		
111	49.0	18.4	55.4
148	68.7	32.4	97.2





#89

n-Butylbenzene

Concen: 3.808 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

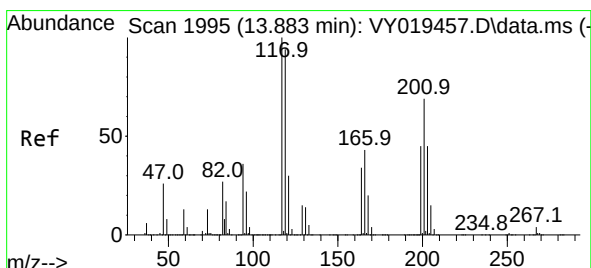
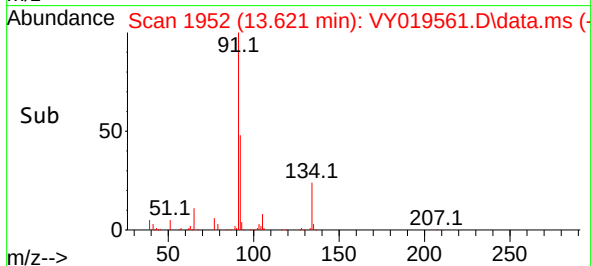
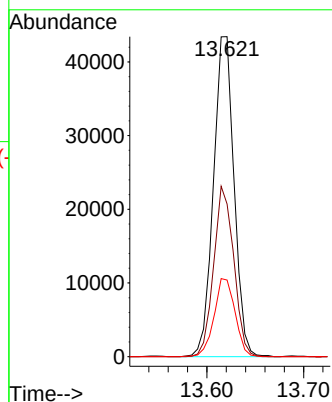
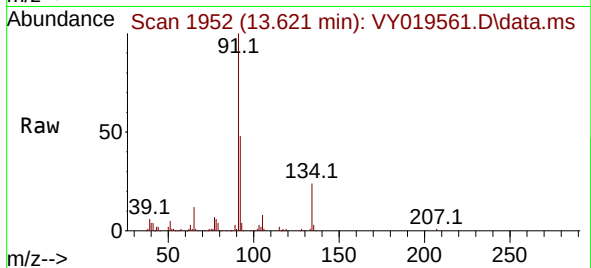
MDL-SOIL-03-QT3-2024

Tgt Ion:	91	Resp:	6436
Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.6	79.7
134	24.8	12.9	38.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#90

Hexachloroethane

Concen: 3.834 ug/l

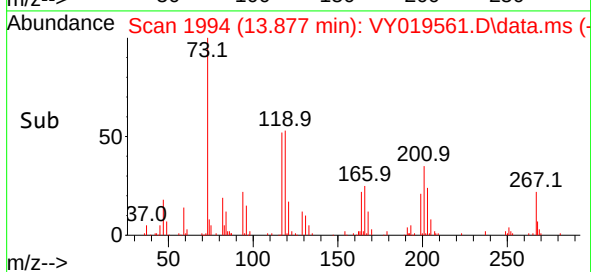
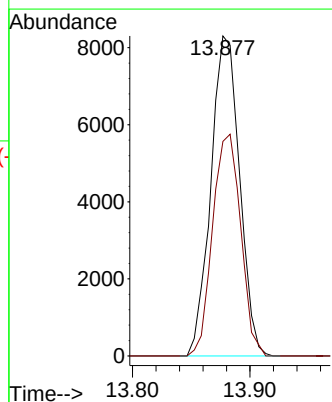
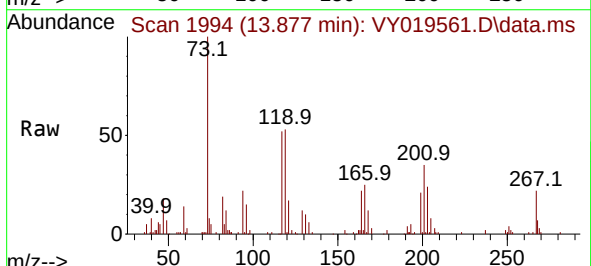
RT: 13.877 min Scan# 1994

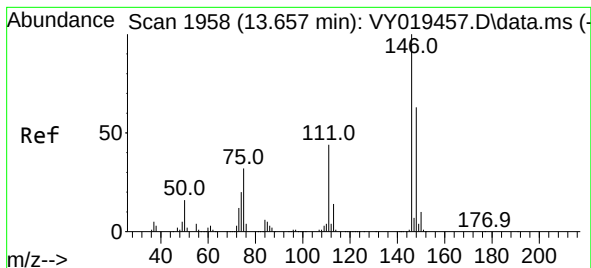
Delta R.T. -0.006 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Tgt Ion:	117	Resp:	14104
Ion	Ratio	Lower	Upper
117	100		
201	67.7	37.4	112.2





#91

1,2-Dichlorobenzene

Concen: 3.853 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

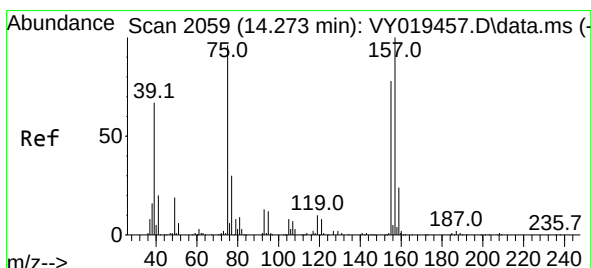
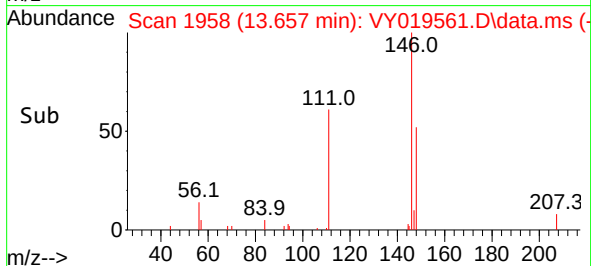
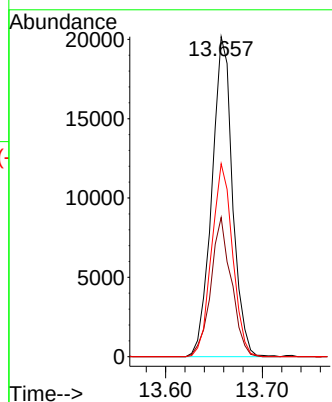
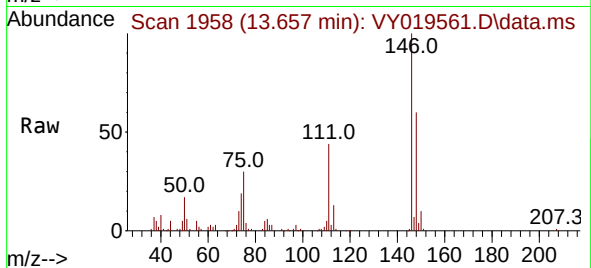
MDL-SOIL-03-QT3-2024

Tgt Ion:	146	Resp:	2994
Ion Ratio	Lower	Upper	
146	100		
111	43.0	19.9	59.7
148	61.1	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.459 ug/l

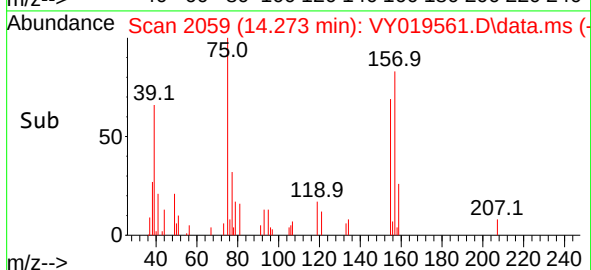
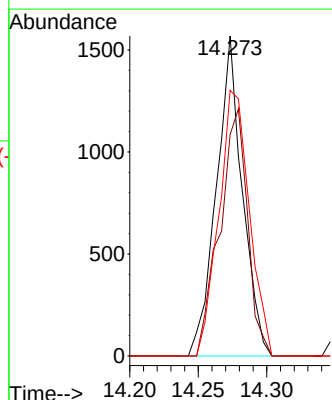
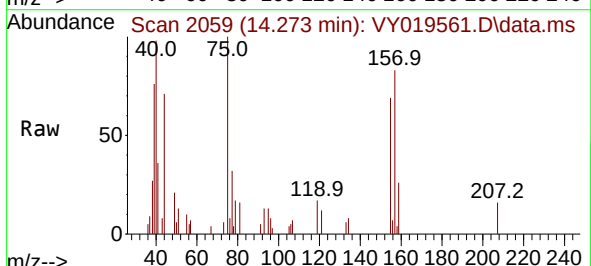
RT: 14.273 min Scan# 2059

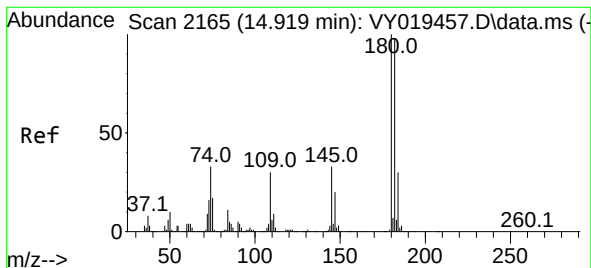
Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Tgt Ion:	75	Resp:	2068
Ion Ratio	Lower	Upper	
75	100		
155	82.7	48.6	145.8
157	97.8	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 3.626 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

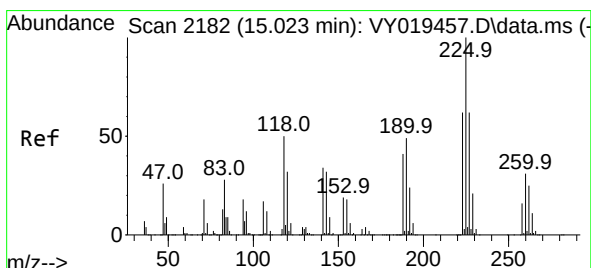
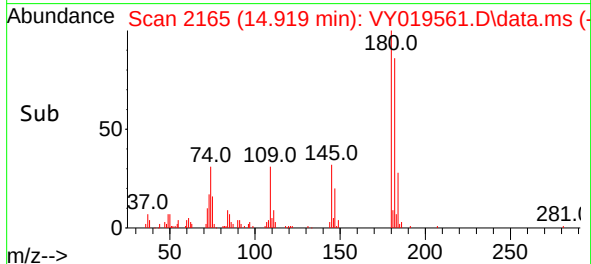
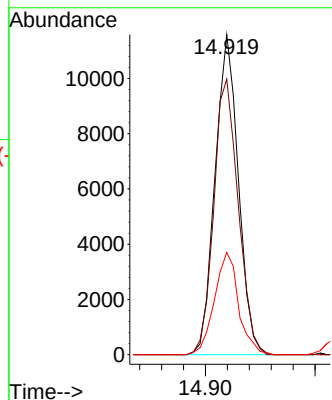
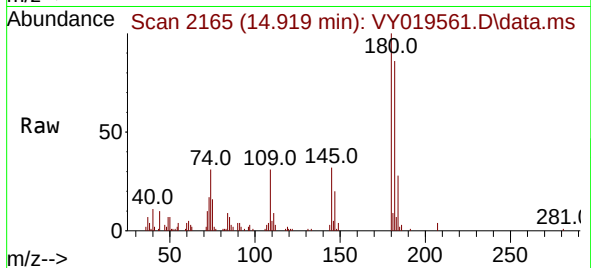
MDL-SOIL-03-QT3-2024

Tgt Ion:180	Resp:	1714
Ion Ratio	Lower	Upper
180	100	
182	90.0	47.9 143.8
145	33.1	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#94

Hexachlorobutadiene

Concen: 4.075 ug/l

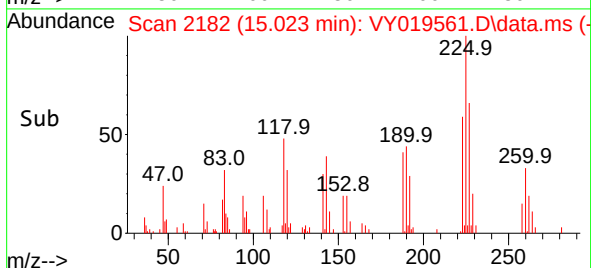
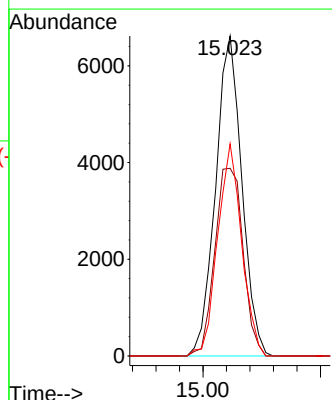
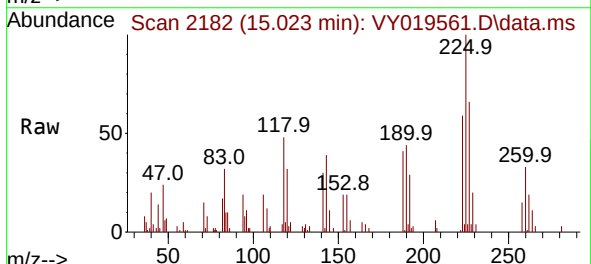
RT: 15.023 min Scan# 2182

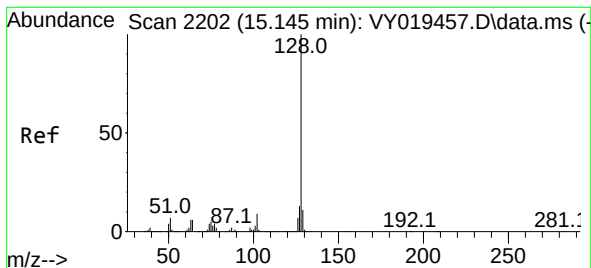
Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Tgt Ion:225	Resp:	10290
Ion Ratio	Lower	Upper
225	100	
223	62.9	30.4 91.2
227	60.6	31.9 95.9





#95

Naphthalene

Concen: 2.987 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

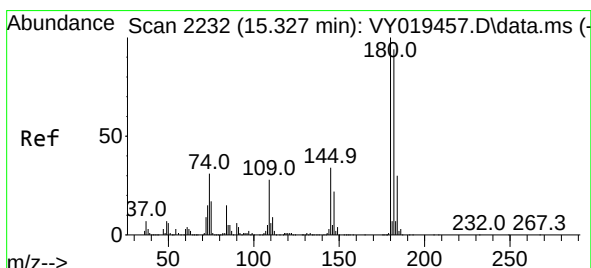
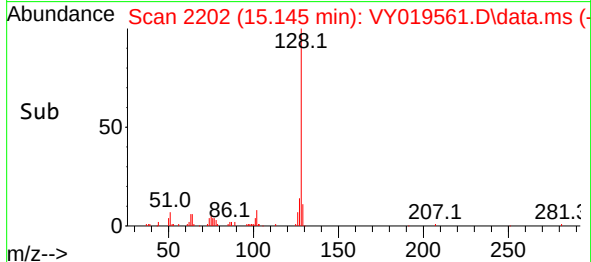
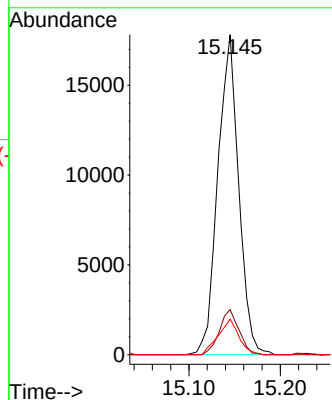
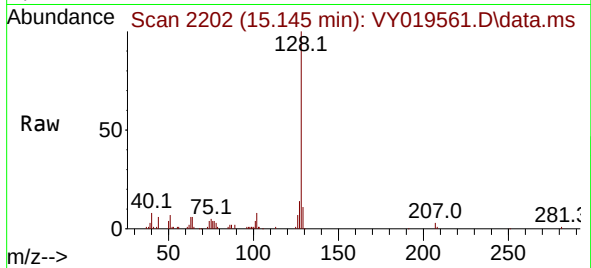
MDL-SOIL-03-QT3-2024

Tgt Ion:	128	Resp:	28274
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#96

1,2,3-Trichlorobenzene

Concen: 3.384 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019561.D

Acq: 16 Sep 2024 12:23

Tgt Ion:	180	Resp:	13681
Ion Ratio	Lower	Upper	
180	100		
182	92.6	47.6	142.9
145	32.9	15.4	46.1

